



# FA83H rabbit pAb

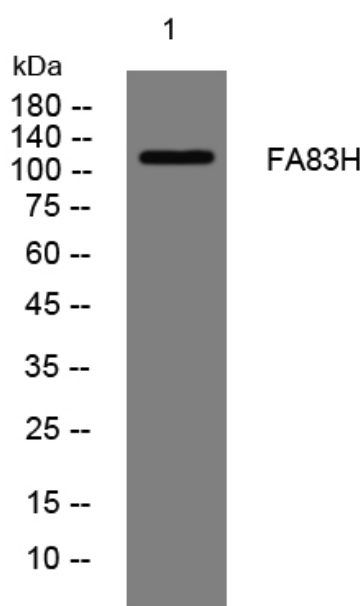
|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-08611                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Reactivity</b>                  | Human; Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Gene Name</b>                   | FAM83H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Immunogen</b>                   | Synthesized peptide derived from human FA83H AA range: 327-377                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Specificity</b>                 | This antibody detects endogenous levels of FA83H at Human/Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Dilution</b>                    | WB 1:500-2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Synonyms</b>                    | AI3;FA83H_HUMAN;Fam83h;Family with sequence similarity 83 member H; Protein FAM83H;FA83H                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Observed Band</b>               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Calculated Molecular Weight</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Cell Pathway</b>                | Cytoplasm, cytoskeleton . Colocalizes with keratin filaments. .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Tissue Specificity</b>          | Expressed in the tooth follicle.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Function</b>                    | disease:Defects in FAM83H are the cause of amelogenesis imperfecta type 3 (AI3) [MIM:130900]. AI3 is an autosomal dominant hypomineralized form of amelogenesis imperfecta, a defect of enamel formation. AI3 is characterized by enamel of normal thickness, but soft and with cheesy consistency. Enamel is lost from tooth soon after eruption.,function:May play a major role in the structural organization and calcification of developing enamel.,similarity:Belongs to the FAM83 family.,tissue specificity:Expressed in the tooth follicle., |
| <b>Background</b>                  | The protein encoded by this gene plays an important role in the structural development and calcification of tooth enamel. Defects in this gene are a cause of amelogenesis imperfecta type 3 (AI3). [provided by RefSeq, Mar 2010],                                                                                                                                                                                                                                                                                                                   |

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Western blot analysis of lysates from KB cells, primary antibody was diluted at 1:1000, 4° over night