

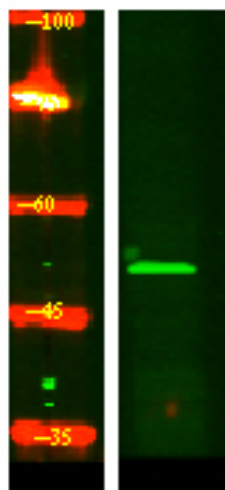


# K1H2 Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-05119                                                                                                                                                                                                                                                                                                                                             |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                     |
| <b>Reactivity</b>                  | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>                | WB;ELISA                                                                                                                                                                                                                                                                                                                                                |
| <b>Gene Name</b>                   | KRT32 HHA2 HKA2 KRTHA2                                                                                                                                                                                                                                                                                                                                  |
| <b>Immunogen</b>                   | Synthesized peptide derived from human protein . at AA range: 220-300                                                                                                                                                                                                                                                                                   |
| <b>Specificity</b>                 | K1H2 Polyclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                                                          |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                                                          |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                  |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                   |
| <b>Dilution</b>                    | WB 1:500-2000 ELISA 1:5000-20000                                                                                                                                                                                                                                                                                                                        |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                 |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                    |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                            |
| <b>Synonyms</b>                    | K1H2;KRT32 HHA2 HKA2 KRTHA2;Keratin;type I cuticular Ha2 (Hair keratin; type I Ha2) (Keratin-32) (K32)                                                                                                                                                                                                                                                  |
| <b>Observed Band</b>               | 49kD                                                                                                                                                                                                                                                                                                                                                    |
| <b>Calculated Molecular Weight</b> | 49kD                                                                                                                                                                                                                                                                                                                                                    |
| <b>Cell Pathway</b>                | intermediate filament,extracellular exosome,                                                                                                                                                                                                                                                                                                            |
| <b>Tissue Specificity</b>          | Restricted to the hair cuticle.                                                                                                                                                                                                                                                                                                                         |
| <b>Function</b>                    | miscellaneous:There are two types of hair/microfibrillar keratin, I (acidic) and II (neutral to basic).,similarity:Belongs to the intermediate filament family.,tissue specificity:Restricted to the hair cuticle.,                                                                                                                                     |
| <b>Background</b>                  | The protein encoded by this gene is a member of the keratin gene family. As a type I hair keratin, it is an acidic protein which heterodimerizes with type II keratins to form hair and nails. The type I hair keratins are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription. [provided by RefSeq, Jul 2008], |
| <b>matters needing attention</b>   | 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 Hela lysis, using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000