

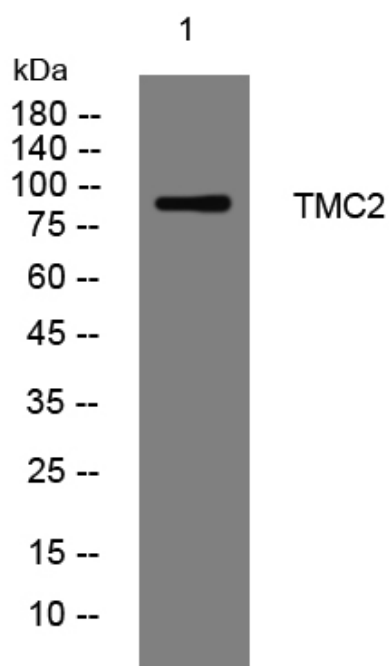


# TMC2 rabbit pAb

|                                    |                                                                                                                                                                                                                                               |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-08738                                                                                                                                                                                                                                   |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                           |
| <b>Reactivity</b>                  | Human; Mouse                                                                                                                                                                                                                                  |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                            |
| <b>Gene Name</b>                   | TMC2 C20orf145 UNQ907/PRO1928                                                                                                                                                                                                                 |
| <b>Immunogen</b>                   | Synthesized peptide derived from human TMC2 AA range: 705-755                                                                                                                                                                                 |
| <b>Specificity</b>                 | This antibody detects endogenous levels of TMC2 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>                    | C2orf145;TMC2;transmembrane channel like 2;TMC2 C20orf145 UNQ907/PRO1928                                                                                                                                                                      |
| <b>Observed Band</b>               |                                                                                                                                                                                                                                               |
| <b>Calculated Molecular Weight</b> |                                                                                                                                                                                                                                               |
| <b>Cell Pathway</b>                | Cell membrane ; Multi-pass membrane protein . Localized to the stereocilia of the cochlear hair cells. .                                                                                                                                      |
| <b>Tissue Specificity</b>          | Detected in fetal cochlea.                                                                                                                                                                                                                    |
| <b>Function</b>                    | function:May be required for the normal function of cochlear hair cells., similarity:Belongs to the TMC family.,tissue specificity:Detected in fetal cochlea.,                                                                                |
| <b>Background</b>                  | This gene encodes a transmembrane protein that is necessary for mechanotransduction in cochlear hair cells of the inner ear. Mutations in this gene may underlie hereditary disorders of balance and hearing. [provided by RefSeq, Aug 2015], |
| <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 lysates from A431 cells, primary antibody was diluted at 1:1000, 4° over night