

Product datasheet for **TA338583**

Mucolipin 3 (MCOLN3) Rabbit Polyclonal Antibody

Product data:

| | |
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| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | The immunogen for anti-MCOLN3 antibody: synthetic peptide directed towards the middle region of human MCOLN3. Synthetic peptide located within the following region: TVELQFKLKAINLQTVRHQELPDCYDFTLTITFDNKAHSGRIKISLDNDI |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i> |
| Concentration: | lot specific |
| Purification: | Protein A purified |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 64 kDa |
| Gene Name: | mucolipin 3 |
| Database Link: | NP_060768 Entrez Gene 55283 Human Q8TDD5 |
| Background: | This gene encodes one of members of the mucolipin cation channel proteins. Mutation studies of the highly similar protein in mice have shown that the protein is found in cochlea hair cells, and mutant mice show early-onset hearing loss and balance problems. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011] |



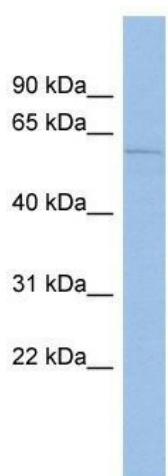
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Synonyms: TRP-ML3; TRPML3

Note: Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Dog: 93%; Horse: 93%; Zebrafish: 91%

Protein Families: Druggable Genome, Ion Channels: Transient receptor potential, Transmembrane

Product images:



WB Suggested Anti-MCOLN3 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1:12500; Positive Control:
PANC1 cell lysate