

Product datasheet for **TA308289**

Tartrate Resistant Acid Phosphatase (ACP5) Rabbit Polyclonal Antibody

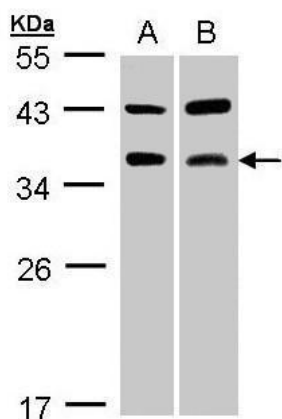
Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IHC, WB |
| Recommended Dilution: | IHC:1:100-1:1000; WB:1:500-1:3000 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Recombinant fragment corresponding to a region within amino acids 28 and 325 of TRAP (Uniprot ID#P13686) |
| Formulation: | 1XPBS, 1% BSA, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative. |
| Concentration: | lot specific |
| Purification: | Purified by antigen-affinity chromatography. |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 37 kDa |
| Gene Name: | acid phosphatase 5, tartrate resistant |
| Database Link: | NP_001104506 Entrez Gene 11433 Mouse Entrez Gene 54 Human P13686 |
| Background: | This gene encodes an iron containing glycoprotein which catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. It is the most basic of the acid phosphatases and is the only form not inhibited by L(+)-tartrate. [provided by RefSeq] |
| Synonyms: | HPAP; TRACP5a; TRACP5b; TRAP; TrATPase |
| Protein Families: | Druggable Genome |
| Protein Pathways: | Lysosome, Riboflavin metabolism |

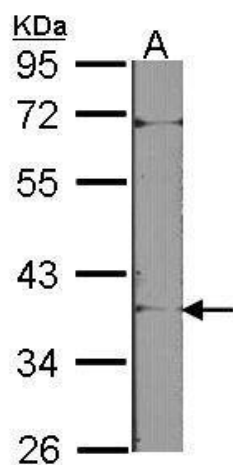


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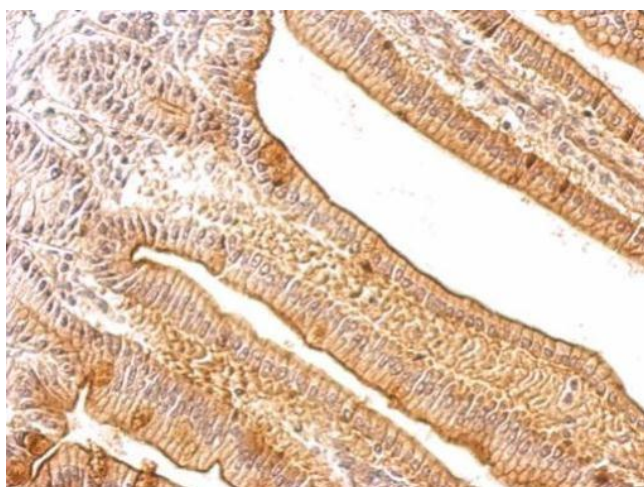
Product images:



Sample (30 ug whole cell lysate). A:A431.
B:MOLT4. 12% SDS PAGE. TA308289 diluted at 1:1000



Sample (30 ug of whole cell lysate). A:NIH-3T3.
10% SDS PAGE. TA308289 diluted at 1:1000.



TRAP antibody detects ACP5 protein at cytosol on mouse intestine by immunohistochemical analysis. Sample: Paraffin-embedded mouse intestine tissue. TRAP antibody (TA308289) dilution: 1:500.