

Product datasheet for **TA305742**

CHMP5 Goat Polyclonal Antibody

Product data:

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|-----------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB: 1-3ug/ml. |
| Reactivity: | Human (Expected from sequence similarity: Mouse, Rat, Cow) |
| Host: | Goat |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Peptide with sequence C-NKDGVLVDEFGLPQ, from the C Terminus of the protein sequence according to NP_057494.3. |
| Formulation: | 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin |
| Concentration: | lot specific |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20C. Minimize freezing and thawing. |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | charged multivesicular body protein 5 |
| Database Link: | NP_057494 Entrez Gene 76959 Mouse Entrez Gene 297995 Rat Entrez Gene 51510 Human Q9NZZ3 |



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Background: CHMP5 belongs to the chromatin-modifying protein/charged multivesicular body protein (CHMP) family. These proteins are components of ESCRT-III (endosomal sorting complex required for transport III), a complex involved in degradation of surface receptor proteins and formation of endocytic multivesicular bodies (MVBs). Some CHMPs have both nuclear and cytoplasmic/vesicular distributions, and one such CHMP, CHMP1A (MIM 164010), is required for both MVB formation and regulation of cell cycle progression (Tsang et al., 2006 [PubMed 16730941]). [supplied by OMIM]

Synonyms: C9orf83; CGI-34; HSPC177; PNAS-2; SNF7DC2; Vps60

Protein Pathways: Endocytosis

Product images:



TA305742 (xug/ml) staining of K562 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.