

Product datasheet for **AP54843PU-N**

RNF103-CHMP3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	ELISA. Western Blot. Immunohistochemistry.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide derived from internal domain of Human Vps24 protein
Specificity:	Reacts with 25 kDa hVps24.
Formulation:	0.1M Tris, 0.1M Glycine and 2% Sucrose State: Purified State: Lyophilized purified antibody Preservative: None
Reconstitution Method:	Restore in distilled water.
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store the antibody at -20°C. Store reconstituted antibody at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	RNF103-CHMP3 readthrough
Database Link:	Entrez Gene 100526767 Human Q9Y3E7



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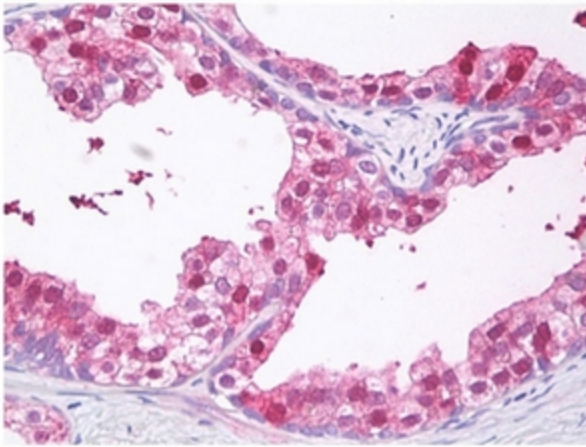
Background:

The charged multivesicular body proteins, commonly designated CHMPs, belong to the vacuolar sorting protein family and function as chromatin-modifying proteins. CHMP1-6 are all components of ESCRT (endosomal sorting complex required for transport) I, II or III complexes. These complexes are crucial for sorting endosomal articles into multivesicular bodies (MVBs), as well as required for the formation of these bodies. CHMP3, also known as Vps24, associates directly with CHMP2 and CHMP4 for the disassembly of ESCRT-III complex in an ATP-dependent manner. During HIV-1 infection, the virus uses the ESCRT-III complex to mediate budding and exocytosis of viral proteins. Overexpression of CHMP3 strongly inhibits HIV-1 release.

CHMP3 is expressed in brain, skeletal muscle, heart, lung, kidney and liver.

Synonyms:

CHMP3, NEDF, CGI-149

Product images:


Prostate stained with VPS24 antibody Cat.-No AP54843PU-N in Immunohistochemistry on Paraffin Sections.