

Rabbit anti-Human CHMP4A Polyclonal Antibody | anti-CHMP4A antibody

Anti-CHMP4A Antibody, Rabbit Polyclonal

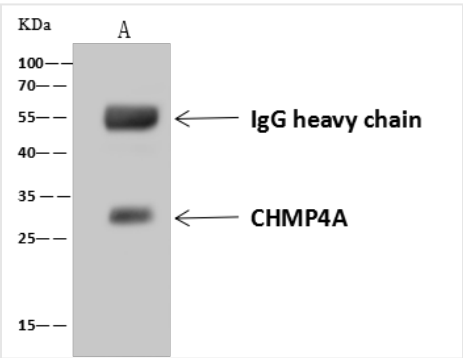
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259061	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

CHMP4A; Polyclonal Antibody; Anti-CHMP4A Antibody; Rabbit Polyclonal; Anti-C14orf123 Antibody; Anti-CDA04 Antibody; Anti-CHMP4 Antibody; Anti-CHMP4B Antibody; Anti-HSPC134 Antibody; Anti-SHAX2 Antibody; Anti-SNF7 Antibody; Anti-SNF7-1 Antibody; Anti-VPS32-1 Antibody; Anti-VPS32A Antibody; anti-CHMP4A antibody

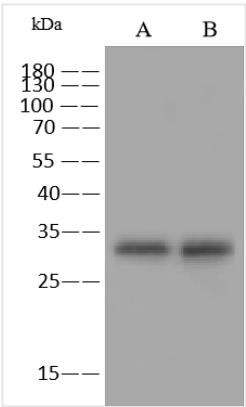
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CHMP4A
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-CHMP4A antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E coli-derived Human CHMP4A fragment
Preparation	Produced in rabbits immunized with E coli-derived Human CHMP4A fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)

CHMP4A was immunoprecipitated using: Lane A: 0.5 mg HepG2 Whole Cell Lysate 4 uL anti-CHMP4A rabbit polyclonal antibody and 60 ug of Immnomagnetic beads Protein A/G. Primary antibody: Anti-CHMP4A rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 32 kDa. Observed band size: 32 kDa.



WB (Western Blot)

Anti-CHMP4A rabbit polyclonal antibody at 1:500 dilution. Lane A: HepG2 Whole Cell Lysate. Lane B: RT4 Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 25 kDa. Observed band size: 32 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CHMP4A antibody	CHMP4A (also known as SNF7, CHMP4, SHAX2, CHMP4B, SNF7-1, VPS32A, HSPC134, VPS32-1 and C14orf123) 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). MVBs contain intraluminal vesicles (ILVs) that are generated by invagination and scission from the limiting membrane of the endosome and mostly are delivered to lysosomes enabling degradation of membrane proteins, such as stimulated growth factor receptors, lysosomal enzymes and lipids.
References	Baietti MF, et al. (2012) Syndecan-syntenin-alex regulates the biogenesis of exosomes. Nat Cell Biol 14 (7): 677-685.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.