

Rabbit anti-Human CHMP7 Polyclonal Antibody | anti-CHMP7 antibody

Rabbit anti-CHMP7 Antibody, Affinity Purified

CATALOG # AAA213399	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

CHMP7; Polyclonal Antibody; Rabbit anti-CHMP7 Antibody; Affinity Purified; CHMP family; member 7; chromatin-modifying protein 7; charged multivesicular body protein 7; Charged multivesicular body protein 7; anti-CHMP7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CHMP7 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Chicken, Orangutan
Immunogen	Between 300 and 350
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human CHMP7 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, and U2OS cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CHMP7 antibody (AAA213399 lot 2) used for WB at 1:1,000. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human CHMP7 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CHMP7 antibody (AAA213399 lot 2) used for IP at 2 ug per reaction. CHMP7 was also immunoprecipitated by a previous lot of this antibody (lot AAA213399-1). For blotting immunoprecipitated CHMP7, AAA213399 was used at 0.1 mg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-CHMP7 antibody

Charged multivesicular body protein 7 (CHMP7) is an ESCRT-III-like protein required to recruit the ESCRT-III complex to the nuclear envelope during late anaphase (PubMed:26040712). Together with SPAST, the ESCRT-III complex promotes nuclear envelope sealing and mitotic spindle disassembly during late anaphase (PubMed:26040712). CHMP7 plays a role in the endosomal sorting pathway (PubMed:16856878) [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q8WUX9].

NCBI AND UNIPROT INFORMATION

NCBI GI #	22748641
NCBI GeneID	91782
NCBI Accession #	NP_689485.1
NCBI GenBank Nucleotide #	NM_152272.3
UniProt Accession #	Q8WUX9; Q8NDM1; Q9BT50; B2RDT3; D3DSS1
Molecular Weight	50,911 Da
NCBI Official Full Name	charged multivesicular body protein 7
NCBI Official Synonym Full Names	charged multivesicular body protein 7
NCBI Official Symbol	CHMP7
NCBI Protein Information	charged multivesicular body protein 7; CHMP family, member 7; chromatin-modifying protein 7
UniProt Protein Name	Charged multivesicular body protein 7
UniProt Gene Name	CHMP7
UniProt Entry Name	CHMP7_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/chmp7-antibody-immunoprecipitation-western-blot-elisa/213399>