

CHMP4B Polyclonal Antibody

Catalog number: 13683-1-AP

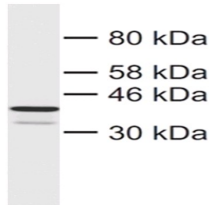
Size: 30 µg/150 µl

Source: Rabbit

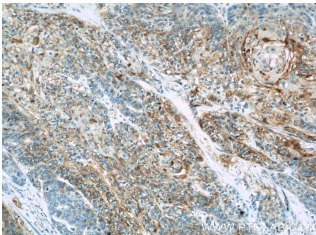
Isotype: IgG

Synonyms:

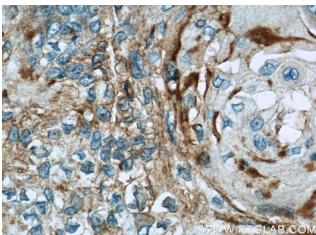
CHMP4B; C20orf178, CHMP4B, chromatin modifying protein 4B, CTPP3, dJ553F4.4, hSnf7 2, hVps32 2, Shax1, SNF7, SNF7 2, Vps32 2



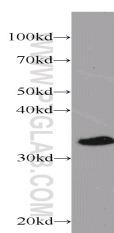
WB result of anti-CHMP4B (13683-1-AP) with "in vitro translated MYC-CHMP4B in wheatgerm lysates".



Immunohistochemical of paraffin-embedded human oesophagus cancer using 13683-1-AP(CHMP4B antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human oesophagus cancer using 13683-1-AP(CHMP4B antibody) at dilution of 1:50 (under 40x lens)



mouse heart tissue were

Background

CHMP4B (charged multivesicular body protein 4b) is a human homologue of yeast Snf7p (also named Vps32p) and a member of CHMP family which is implicated in multivesicular body (MVB) sorting. The CHMP 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. Among seven CHMP family members, only CHMP4 has been found to interact with Alix, a multifunctional adaptor protein in various cellular functions. This antibody is highly specific to the CHMP4B and it doesn't cross-react with other CHMPs as well as other CHMP4s (CHMP4A and CHMP4C).

Applications

Tested applications:	ELISA, WB, IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated CHMP4B MW:	224aa, 25 kDa
Observed CHMP4B MW:	29-33 kDa
Positive WB detected in	Mouse heart tissue, HeLa cells, rat heart tissue, transfected cells
Positive IHC detected in	Human oesophagus cancer tissue, human heart tissue, human skeletal muscle tissue
Recommended dilution:	WB: 1:200-1:1000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag4544
GenBank accession number:	BC033859
Gene ID (NCBI):	128866
Full name:	Chromatin modifying protein 4B

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

subjected to SDS PAGE
followed by western blot with
13683-1-AP(CHMP4B
antibody) at dilution of 1:200