

anti- CHMP1A antibody

Product Information

Catalog No.:	FNab01656
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3 , -20°C for 24 months (Avoid repeated freeze / thaw cycles.)

Background

Probable peripherally associated component of the endosomal sorting required for transport complex III(ESCRT-III) which is involved in multivesicular bodies(MVBs) formation and sorting of endosomal cargo proteins into 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. The MVB pathway appears to require the sequential function of ESCRT-O,-I,-II and-III complexes. ESCRT-III proteins mostly dissociate from the invaginating membrane before the ILV is released. The ESCRT machinery also functions in topologically equivalent membrane fission events, such as the terminal stages of cytokinesis and the budding of enveloped viruses(HIV-1 and other lentiviruses). ESCRT-III proteins are believed to mediate the necessary vesicle extrusion and/or membrane fission activities, possibly in conjunction with the AAA ATPase VPS4. Involved in cytokinesis. Involved in recruiting VPS4A and/or VPS4B to the midbody of dividing cells. May also be involved in chromosome condensation. Targets the Polycomb group(PcG) protein BMI1/PCGF4 to regions of condensed chromatin. May play a role in stable cell cycle progression and in PcG gene silencing.

Immunogen information

Immunogen: chromatin modifying protein 1A

Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

Tel : (0086)027-87384275

Fax: (0086)027-87800889

www.fn-test.com

Synonyms: CHMP1, CHMP1A, chromatin modifying protein 1A, hVps46 1, KIAA0047, PCOLN3, PRSM1, Vps46 1
Observed MW: 33 kDa, 25 kDa
Uniprot ID : Q9HD42

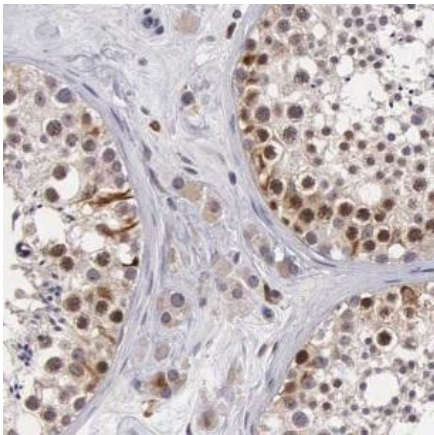
Application

Reactivity: Human, Mouse

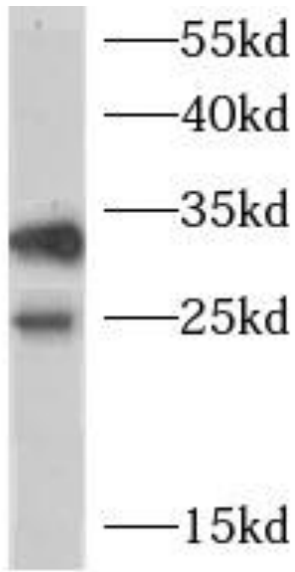
Tested Application: ELISA, WB, IHC, IP

Recommended dilution: WB: 1:500-1:1000; IP: 1:500-1:1000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human testis tissue slide using FNab01656(CHMP1A Antibody) at dilution of 1:50



HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab01656(CHMP1A antibody) at dilution of 1:500