

VPS54 Polyclonal Antibody

Catalog number: 13327-1-AP

Size: 20 µg/150 µl

Source: Rabbit

Isotype: IgG

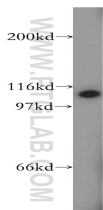
Synonyms:

VPS54; HCC8, hVps54L, SLP 8p,

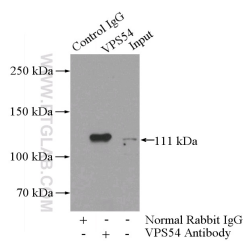
Tumor antigen HOM HCC 8,

Tumor antigen SLP 8p, VPS54,

VPS54L



human brain tissue were subjected to SDS PAGE followed by western blot with 13327-1-AP(VPS54 antibody) at dilution of 1:300



IP Result of anti-VPS54 (IP:13327-1-AP, 4µg; Detection:13327-1-AP 1:300) with mouse brain tissue lysate 4000µg.

Background

VPS54 is a part of the Golgi-associated retrograde protein (GARP) complex protein required for tethering and fusion of endosome-derived transport vesicles to the trans-Golgi network. It may participate in retrograde transport from early and late endosomes to the late Golgi. The GARP complex is required for the maintenance of the cycling of mannose 6-phosphate receptors between the TGN and endosomes, this cycling is necessary for proper lysosomal sorting of acid hydrolases such as CTSD.

Applications

Tested applications:	ELISA, WB, IP
Cited applications:	WB
Species specificity:	Human,Mouse,Rat; other species not tested.
Cited species:	Mouse
Calculated VPS54 MW:	977aa,111 kDa
Observed VPS54 MW:	111kd
Positive WB detected in	Human brain tissue, mouse brain tissue
Positive IP detected in	Mouse brain tissue
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:1000

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

Immunogen information

Immunogen:	Ag4123
GenBank accession number:	BC030275
Gene ID (NCBI):	51542
Full name:	Vacuolar protein sorting 54 homolog (<i>S. cerevisiae</i>)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.