

VPS53 Polyclonal Antibody

Catalog number: 12824-1-AP

Size: 20 µg/150 µl

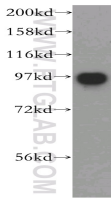
Source: Rabbit

Isotype: IgG

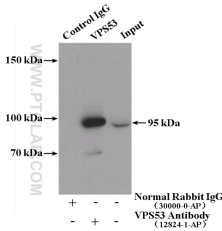
Synonyms:

VPS53; FLJ10979, HCCS1,

hVps53L, pp13624, VPS53



human liver tissue were subjected to SDS PAGE followed by western blot with 12824-1-AP(VPS53 antibody) at dilution of 1:300



IP Result of anti-VPS53 (IP:12824-1-AP, 4µg; Detection:12824-1-AP 1:500) with mouse liver tissue lysate 4000µg.

Background

VPS53 is a component of the Golgi-associated retrograde protein (GARP) complex, also called VFT (VPS fifty-three) complex, composed of VPS51, VPS52, VPS53 and VPS54. GARP complex functions in traffic from endosomes to the trans-Golgi network (PMID: 15878329). GARP proteins interact with RAB proteins and SNARE proteins.

Applications

Tested applications:	ELISA, WB, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated VPS53 MW:	832aa, 94 kDa
Observed VPS53 MW:	95-97 kDa
Positive WB detected in	Human liver tissue
Positive IP detected in	Mouse liver tissue
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:2000

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

Immunogen information

Immunogen:	Ag3518
GenBank accession number:	BC029560
Gene ID (NCBI):	55275
Full name:	Vacuolar protein sorting 53 homolog (S. cerevisiae)

Product information

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