

VPS52 Polyclonal Antibody

Catalog number: 11662-2-AP

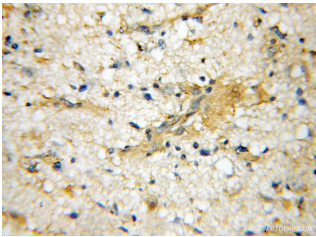
Size: 46 µg/150 µl

Source: Rabbit

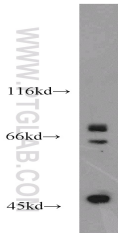
Isotype: IgG

Synonyms:

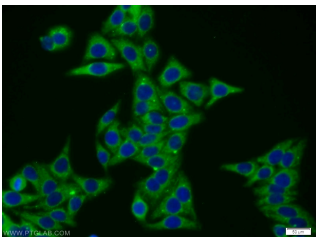
VPS52; ARE1, dJ1033B10.5,
DKFZp547I194, RP5 1033B10,
SAC2, SACM2L, VPS52



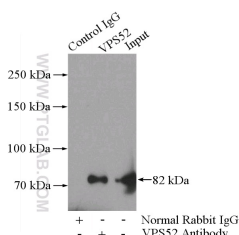
Immunohistochemical of paraffin-embedded human gliomas using 11662-2-AP(VPS52 antibody) at dilution of 1:50 (under 10x lens)



HepG2 cells were subjected to SDS PAGE followed by western blot with 11662-2-AP(VPS52 antibody) at dilution of 1:1000



Immunofluorescent analysis of HepG2 cells using 11662-2-AP(VPS52 Antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IP Result of anti-VPS52
(IP:11662-2-AP, 3µg;

Background

VPS52 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 the trans-Golgi network (PMID: 15878329). GARP proteins interact with RAB proteins and SNARE proteins. VPS52 may play a role in the development of a multicellular organism through cell-cell interactions (PMID: 23142660).

Applications

Tested applications:	ELISA, WB, IHC, IF, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated VPS52 MW:	723aa, 82 kDa
Observed VPS52 MW:	82kd
Positive WB detected in	HepG2 cells, COLO 320 cells, mouse skin tissue
Positive IP detected in	Mouse skin tissue
Positive IHC detected in	Human gliomas tissue
Positive IF detected in	HepG2 cells
Recommended dilution:	WB: 1:200-1:2000 IP: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:10-1:100

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

Immunogen information

Immunogen:	Ag2180
GenBank accession number:	BC032108
Gene ID (NCBI):	6293
Full name:	Vacuolar protein sorting 52 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.

Detection:11662-2-AP 1:1000)
with mouse skin tissue lysate
3200ug.