



[Go to Product page](#)

Datasheet for ABIN7120715
anti-VPS52 antibody

Overview

Quantity:	100 µg
Target:	VPS52
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VPS52 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	vacuolar protein sorting 52 homolog(S. cerevisiae)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	VPS52
Alternative Name:	VPS52 (VPS52 Products)
Background:	Synonyms:ARE1, dJ1033B10.5, DKFZp547I194, RP5 1033B10, SAC2, SACM2L, VPS52 Background:Acts as component of the GARP complex that is involved in retrograde transport from early and late endosomes to the trans-Golgi network(TGN). The GARP complex is required

Target Details

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(PubMed:15878329, PubMed:18367545). Acts as component of the EARP complex that is involved in endocytic recycling. The EARP complex associates with Rab4-positive endosomes and promotes recycling of internalized transferrin receptor(TFRC) to the plasma membrane(PubMed:25799061).

Molecular Weight: 82 kDa

Gene ID: 6293

UniProt: [Q8N1B4](#)

Application Details

Application Notes: WB: 1:200-1:2000,IP: 1:500-1:5000,IHC: 1:20-1:200, IF: 1:10-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months