

Anti-VPS54 Antibody
Catalog # ABV11931**Specification**

Anti-VPS54 Antibody - Product Information

Application	IHC, WB
Primary Accession	Q9P1Q0
Reactivity	Human, Rat
Host	Rabbit
Isotype	Rabbit IgG
Calculated MW	110589

Anti-VPS54 Antibody - Additional Information**Gene ID** 51542

Positive Control	WB: Jurkat, rat blood lysate; IHC: human breast cancer tissue
Application & Usage	WB; 1:500 - 1:2000, IHC; 1:50 - 1:200

Other Names

HCC8, Vacuolar protein sorting-associated protein 54, Hepatocellular carcinoma protein 8, Tumor antigen HOM-HCC-8, Tumor antigen SLP-8p

Target/Specificity

VPS54

Antibody Form

Liquid

Appearance

Colorless liquid

Handling

The antibody solution should be gently mixed before use

Reconstitution & Storage

-20°C

Background Descriptions**Precautions**

Anti-VPS54 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-VPS54 Antibody - Protein Information**Name** VPS54

Synonyms HCC8**Function**

Acts as a 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 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:18367545). Within the GARP complex, required to tether the complex to the TGN. Not involved in endocytic recycling (PubMed:25799061).

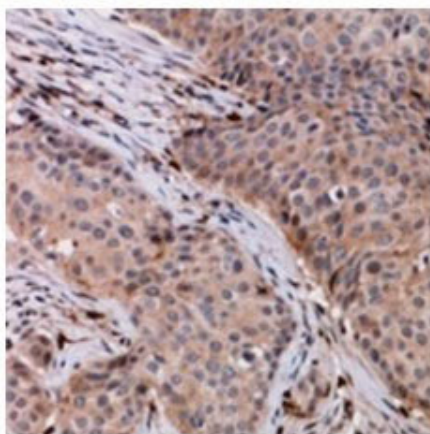
Cellular Location

Golgi apparatus, trans-Golgi network. Membrane {ECO:0000250|UniProtKB:Q9JMK8}.
Note=Associates with membranes in an EIPR1-independent manner.
{ECO:0000250|UniProtKB:Q9JMK8}

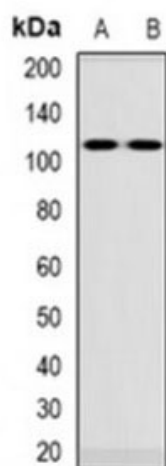
Anti-VPS54 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-VPS54 Antibody - Images

Immunohistochemical analysis of VPS54 staining in human breast cancer formalin fixed paraffin embedded tissue section.



WB analysis of VPS54 expression in Jurkat (A); rat blood (B) whole cell lysates