

Anti-VPS54 Antibody

Catalog # ABV11931

Product Information

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

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.

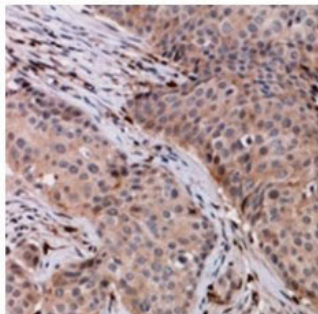
Protein Information

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).

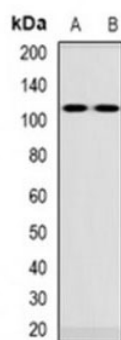
Cellular Location

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

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.