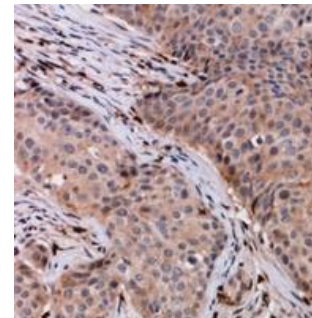


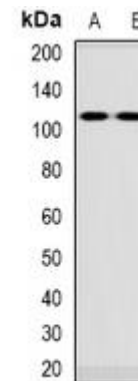
Anti-VPS54 Antibody

CATALOG NO:	A1200-100
ALTERNATIVE NAMES:	HCC8, Vacuolar protein sorting-associated protein 54, Hepatocellular carcinoma protein 8, Tumor antigen HOM-HCC-8, Tumor antigen SLP-8p
AMOUNT:	100 µl
IMMUNOGEN:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human VPS54
HOST/ISOTYPE:	Rabbit IgG
CLONALITY:	Polyclonal
SPECIFICITY:	Recognizes endogenous levels of VPS54 protein
SPECIES REACTIVITY:	Human and Rat
PURIFICATION:	The antibody was purified by affinity chromatography
FORM:	Liquid
FORMULATION:	Supplied in 0.42% Potassium phosphate; 0.87% Sodium chloride; pH 7.3; 30% glycerol and 0.01% sodium azide
STORAGE CONDITIONS:	Shipped at 4°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
DESCRIPTION:	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 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
APPLICATION:	WB; 1:500 – 1:2000, IHC; 1:50 – 1:200

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



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



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

RELATED PRODUCTS:

- Rab5 Antibody (Cat. No. 3483-100)
- DNMT1 Antibody (Cat. No. 3946-100)
- KLF4 Antibody (4G6E11) (Cat. No. 5300-100)
- NIF1 Antibody (Cat. No. 3737-100)

FOR RESEARCH USE ONLY! Not to be used on humans.