Anti-VPS4A antibody (1-120) (STJ29176)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

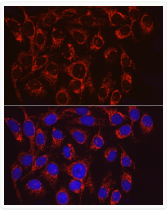
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 49kDa Observed Mw: 49kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

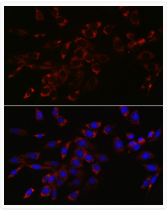
Gene ID	27183
Gene Symbol	VPS4A
UniProt ID	VPS4A_HUMAN
Immunogen Region	1-120
Immunogen Sequence	MTTSTLQKAIDLVTKATEED KAKNYEEALRLYQHAVEYFL HAIKYEAHSDKAKESIRAKC VQYLDRAEKLKDYLRSKEKH GKKPVKENQSEGKGSDSDSE GDNPEKKKLQEQLMGAVVME
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-120 of human VPS4A (NP_037377.1).

ADDITIONAL INFORMATION

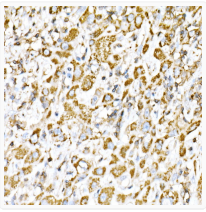
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



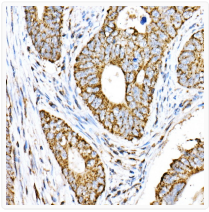
Immunofluorescence analysis of U2OS cells using VPS4A Rabbit polyclonal antibody (STJ29176) at dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



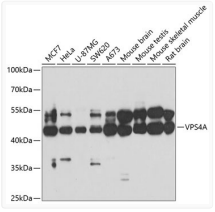
Immunofluorescence analysis of NIH/3T3 cells using VPS4A Rabbit polyclonal antibody (STJ29176) at dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of VPS4A in paraffin-embedded human liver cancer using VPS4A Rabbit polyclonal antibody (STJ29176) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of VPS4A in paraffin-embedded human colon carcinoma using VPS4A Rabbit polyclonal antibody (STJ29176) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using VPS4A Rabbit polyclonal antibody (STJ29176) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.