

Anti-VAPB antibody (10-243) (STJ27316)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

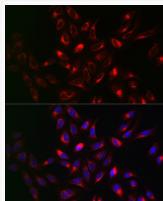
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 27kDa Observed Mw: 27kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

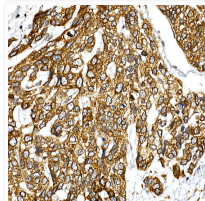
Gene ID	9217
Gene Symbol	VAPB
UniProt ID	VAPB_HUMAN
Immunogen Region	10-243
Immunogen Sequence	LEPQHELKFRGPFDTVTTN LKLGNPTRDNRVCFKVKTTAP RRYCVRPNSGIIDAGASINV SVMQLQPFDYDPNEKSKHKFM VQSMFAPDTSDMEAVWKEA KPEDLMDSKLRVFLPAEN DKPHDVEINKIISTTASKE TPIVSKSLSSSLDDTEVKKV MEECKRLQGEVQRLREENKQ FKEDDGLRMRKTVQSNPIS ALAPTGKEEGLST
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 10-222 of human VAPB (NP_004729.1).

ADDITIONAL INFORMATION

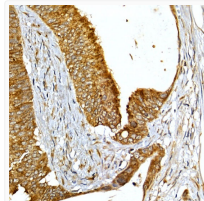
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



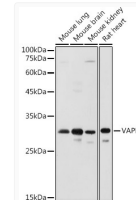
Immunofluorescence analysis of U2OS cells using VAPB Rabbit polyclonal antibody (STJ27316) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded human esophageal cancer using VAPB Rabbit polyclonal antibody (STJ27316) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using VAPB Rabbit polyclonal antibody (STJ27316) at dilution of 1:50 (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 extracts of various cell lines, using VAPB antibody (STJ27316) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.