

Anti-STOML2 antibody (29-356) (STJ112434)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

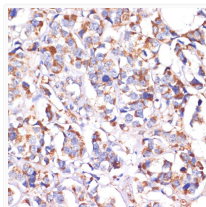
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 39kDa Observed Mw: 40kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

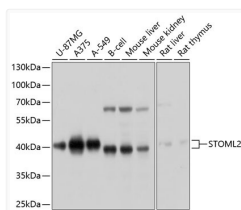
Gene ID	30968
Gene Symbol	STOML2
UniProt ID	STML2_HUMAN
Immunogen Region	29-356
Immunogen Sequence	SSGLPRNTVVLFPQQEAWV VERMGRFHRILEPGLNILIP VLDRIRYVQSLKEIVNVPE QSAVTLDNVTLQIDGVLRLR IMPYKASYGVEDPEYAVTQ LAQTTMRSELGKLSLDKVFR ERESLNASIVDAINQAADCW GIRCLRYEIKDIHVPPRVKE SMQMQVEAERRKRATVLESE GTRESAINVAEGKKQAQILA SEAEKAEQINQAAGEASAVL AKAKAKAEAIRILAAALTQ
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 29-356 of human STOML2 (NP_038470.1).

ADDITIONAL INFORMATION

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



Immunohistochemistry analysis of paraffin-embedded human breast cancer using STOML2 antibody (STJ112434) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using STOML2 antibody (STJ112434) 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: 10s.