

Anti-CHI3L2 antibody (27-390) (STJ29968)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

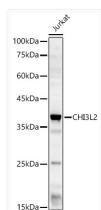
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 44kDa 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

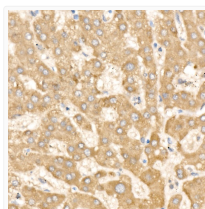
Gene ID	1117
Gene Symbol	CHI3L2
UniProt ID	CH3L2_HUMAN
Immunogen Region	27-390
Immunogen Sequence	YKLVCYFTNWSQDRQEPGKF TPENIDPFLCSHLIYSFASI ENNKVIIKDKSEVMLYQTIN SLKTKNPKLKILLSIGGYLF GSKGFHPMVDSSTSRLEFIN SIILFLRNHNFDGLDVSWIY PDQKENTHFTVLIHELAEAF QKDFTKSTKERLLLTAGVSA GRQMIDNSYQVEKLAKDLDF INLLSFDFHGSWEKPLITGH NSPLSKGWQDRGPSSYYNVE YAVGYWIHKGMPSEKVVVMG
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 27-390 of human CHI3L2 (NP_003991.2).

ADDITIONAL INFORMATION

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



Western blot analysis of Jurkat, using CHI3L2 rabbit polyclonal antibody (STJ29968) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



Immunohistochemistry analysis of paraffin-embedded human liver using CHI3L2 rabbit polyclonal antibody (STJ29968) 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.