

Anti-ITLN1 antibody (19-313) (STJ29314)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

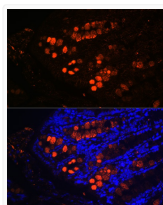
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 36kDa Observed Mw: 37kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

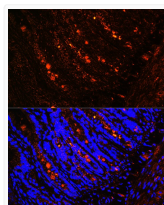
Gene ID	55600
Gene Symbol	ITLN1
UniProt ID	ITLN1_HUMAN
Immunogen Region	19-313
Immunogen Sequence	TDEANTYFKEWTCSSPSLP RSCKEIKDECPSAFDGLYFL RTENGVIYQTFCDMTSGGGG WTLVASVHENDMRGKCTVGD RWSSQQGSKAVYPEGDGNWA NYNTFGSAEAATSDDYKNPG YYDIQAKDLGIWHVPNKSPM QHWRNSSLLRYRTDTGFLQT LGHNLFGIYQKYVPVKYGEKG CWTDNGPVPVYDFGDAQK TASYSPYQGREFTAGFVQF RVFNNERAANALCAGMRVT
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 19-313 of human ITLN1 (NP_060095.2).

ADDITIONAL INFORMATION

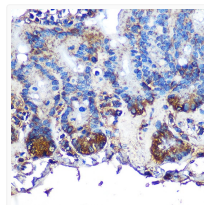
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



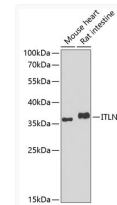
Immunofluorescence analysis of mouse colon using ITLN1 Rabbit polyclonal antibody (STJ29314) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of rat intestine using ITLN1 Rabbit polyclonal antibody (STJ29314) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded mouse intestine using ITLN1 Rabbit polyclonal antibody (STJ29314) 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 ITLN1 antibody (STJ29314) 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: 90s.