

Rabbit ITLN1 Polyclonal Antibody | anti-ITLN1 antibody

Anti-ITLN1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46648	Rabbit	Human No cross reactivity with other proteins.	Immunohistochemistry, Western Blot

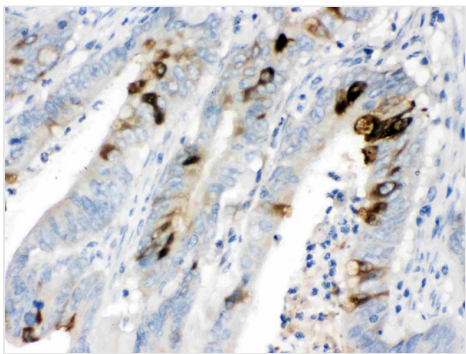
PRODUCT SYNONYMS

ITLN1; Polyclonal Antibody; Anti-ITLN1 Antibody; Endothelial lectin HL 1; Endothelial lectin HL-1; hIntL; HL1; HL 1; Intelectin; Intelectin-1; Intelectin 1; INTL; ITLN; ITLN-1; LFR; Omentin; Q8WWA0; intelectin 1; anti-ITLN1 antibody

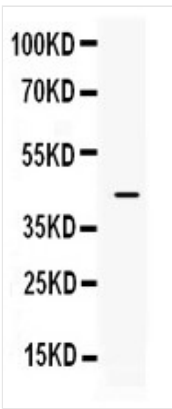
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	313
Applicable Applications for anti-ITLN1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human ITLN1 (19-59aa TDEANTYFKEWTCSSPSLPRSCKEIKDECPSAFDGLYFLR).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
ITLN1 was detected in paraffin-embedded sections of human intestinal cancer tissues using rabbit anti- ITLN1 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



WB (Western Blot)
Western blot analysis of ITLN1 expression in SW620 whole cell lysates (lane 1). ITLN1 at 43KD was detected using rabbit anti- ITLN1 Antigen Affinity purified polyclonal antibody at 0.5 ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-ITLN1 antibody	Rabbit IgG polyclonal antibody for Intelectin-1 (ITLN1) detection. Background: Intelectin-1, also known as omentin, is an intelectin encoded in humans by the ITLN1 gene. This gene is mapped to chromosome 1q21.3-q22 by genomic sequence analysis. It is expressed on multiple cell types and appears to participate in insulin signaling and microbe recognition. Intelectin-1 functions both as a receptor for bacterial arabinogalactans and for lactoferrin. Having conserved ligand binding site residues, both human and mouse intelectin-1 bind the exocyclic vicinal diol of carbohydrate ligands such as galactofuranose.
References	1. "Entrez Gene: ITLN1 intelectin 1 (galactofuranose binding)". 2. Lee JK, Schnee J, Pang M, Wolfert M, Baum LG, Moremen KW, Pierce M (Feb 2001). "Human homologs of the Xenopus oocyte cortical granule lectin XL35". Glycobiology 11 (1): 65-73. 3. Tsuji S, Uehori J, Matsumoto M, Suzuki Y, Matsuhisa A, Toyoshima K, Seya T (Jun 2001). "Human intelectin is a novel soluble lectin that recognizes galactofuranose in carbohydrate chains of bacterial cell wall". J Biol Chem 276 (26): 23456-63.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542986
NCBI GeneID	55600
NCBI Accession #	NP_060095.2
NCBI GenBank Nucleotide #	NM_017625.2
UniProt Accession #	Q8WWA0; Q5IWS4; Q5VYI4; Q6YDJ3; Q9NP67
Molecular Weight	34,962 Da
NCBI Official Full Name	intelectin-1
NCBI Official Synonym Full Names	intelectin 1
NCBI Official Symbol	ITLN1
NCBI Official Synonym Symbols	HL1; LFR; HL-1; INTL; ITLN; hIntL; omentin
NCBI Protein Information	intelectin-1
UniProt Protein Name	Intelectin-1
UniProt Gene Name	ITLN1
UniProt Synonym Gene Names	INTL; ITLN; LFR; ITLN-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/itln1-antibody-immunohistochemistry-western-blot-elisa/46648>