Intelectin 1 (ITLN1) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Intelectin 1 (ITLN1), Polyclonal Antibody
Full Product Name	APC/CY7-Linked Polyclonal Antibody to Intelectin 1 (ITLN1)
Product Gene Name	anti-ITLN1 antibody
Product Synonym Names	HL1; INTL; ITLN; LFR; HIntL; Omentin; Intelectin 1, Galactofuranose Binding; Intestinal Lactoferrin Receptor; Endothelial lectin HL-1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Concentration	>=100ug/ml (lot specific)
Matching Pairs	Unconjugated Antibody: ITLN1 (MBS2027502) APC-CY7 Conjugated Antibody: ITLN1 (MBS2049640)
Matching Pairs	APC-CY7 Conjugated Antibody: ITLN1 (MBS2049640) Immunogen: ITLN1 (MBS2030562)
Molecular Weight	34,962 Da
OMIM	AF271386 mRNA
3D Structure	ModBase 3D Structure for Q8WWA0
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Immunogen	ITLN1 (Cys31~Gly253)
Conjugation	APC-Cy7
Cross Reactivity	Human, Mouse
Unconjugated Antibody	The unconjugated antibody version of this item is also available as catalog #MBS2027502
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-ITLN1 antibody	Western Blot (WB), Immunocytochemistry (ICC), Immunohistochemistry (IHC) Formalin/Paraffin, ELISA (ELISA)
Related Product Information for anti-ITLN1 antibody	MBS2049640 is an antibody targeting ITLN1. Also known as APC/CY7-Linked Polyclonal Antibody to Intelectin 1 (ITLN1). Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-ITLN1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ITLN1. It may not necessarily be applicable to this product.

NCBI GI #	31542986
NCBI GeneID	55600

NCBI Accession #	NP_060095.2
UniProt Primary Accession #	Q8WWA0
UniProt Secondary Accession #	Q5IWS4; Q5VYI4; Q6YDJ3; Q9NP67
UniProt Related Accession #	Q8WWA0
GenBank Nucleotide #	NM_017625.2
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
UniProt Protein Name	Intelectin-1
UniProt Synonym Protein Names	Endothelial lectin HL-1; Galactofuranose-binding lectin; Intestinal lactoferrin receptor
Protein Family	Intelectin
UniProt Gene Name	ITLN1
UniProt Synonym Gene Names	INTL; ITLN; LFR; ITLN-1
NCBI Protein Information	intelectin-1
UniProt Comments for ITLN1	ITLN1: Has no effect on basal glucose uptake but enhances insulin-stimulated glucose uptake in adipocytes. Increases AKT phosphorylation in the absence and presence of insulin. May play a role in the defense system against microorganisms. May specifically recognize carbohydrate chains of pathogens and bacterial components containing galactofuranosyl residues, in a calcium-dependent manner. May be involved in iron metabolism. Protein type: Membrane protein, GPI anchor Chromosomal Location of Human Ortholog: 1q23.3 Cellular Component: brush border membrane; lipid raft; receptor complex Molecular Function: calcium ion binding Biological Process: positive regulation of glucose import; positive regulation of protein amino acid phosphorylation; response to nematode
Research Articles on ITLN1	**1.** Data suggest that nonlinear resistance training or aerobic interval training for 12 weeks produces no significant changes in serum levels of omentin-1 and interleukin-18 in obese men; however, during a 4-week detraining period, omentin-1 decreases significantly and IL-18 increases significantly.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.

Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-antibody/intelectin-1-itln1/2049640