

Rabbit COLEC12 Polyclonal Antibody | anti-COLEC12 antibody

COLEC12 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322755	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

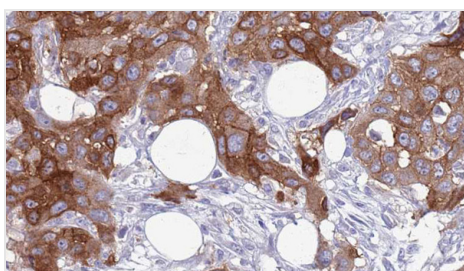
PRODUCT SYNONYMS

COLEC12; Polyclonal Antibody; COLEC12 Antibody; CL P1; CL-P1; CLP1; COL12_HUMAN; COLEC 12; colec12; Collectin placenta 1; Collectin placenta protein 1; Collectin sub family member 12; Collectin-12; hCL P1; hCL-P1; NSR2; Nurse cell scavenger receptor 2; SCARA4; Scavenger receptor class A member 4; Scavenger receptor with C type lectin; Scavenger receptor with C-type lectin; SRCL; anti-COLEC12 antibody

PRODUCT SPECIFICATIONS

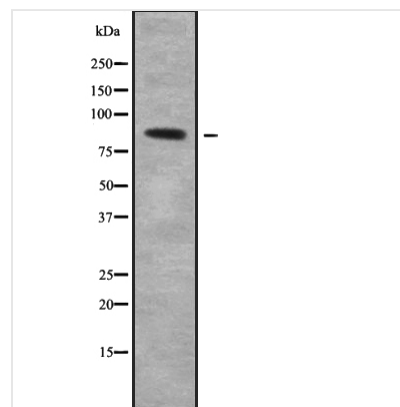
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Form/Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	742
Applicable Applications for anti-COLEC12 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human COLEC12, corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20 °C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA322755 at 1/100 staining Human Head and neck cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of COLEC12 using HT-29 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-COLEC12 antibody	Function: Scavenger receptor that displays several functions associated with host defense. Promotes binding and phagocytosis of Gram-positive, Gram-negative bacteria and yeast. Mediates the recognition, internalization and degradation of oxidatively modified low density lipoprotein (oxLDL) by vascular endothelial cells. Binds to several carbohydrates including Gal-type ligands, D-galactose, L-and D-fucose, GalNAc, T and Tn antigens in a calcium-dependent manner and internalizes specifically GalNAc in nurse-like cells. Binds also to sialyl Lewis X or a trisaccharide and asialo-orosomucoid (ASOR). May also play a role in the clearance of amyloid-beta in Alzheimer disease. Subunit Structure: The extracellular domain forms a stable trimer. The extracellular domain interacts with fibrillar amyloid-beta peptide.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18641360
NCBI GeneID	81035
NCBI Accession #	NP_569057.1
NCBI GenBank Nucleotide #	NM_130386.2
UniProt Accession #	Q5KU26; Q6P9F2; Q8TCR2; Q8WZA4; Q9BY85; Q9BYH7
Molecular Weight	82 kDa
NCBI Official Full Name	collectin-12
NCBI Official Synonym Full Names	collectin subfamily member 12
NCBI Official Symbol	COLEC12
NCBI Official Synonym Symbols	CLP1; NSR2; SRCL; SCARA4
NCBI Protein Information	collectin-12
UniProt Protein Name	Collectin-12
UniProt Gene Name	COLEC12
UniProt Synonym Gene Names	CLP1; NSR2; SCARA4; SRCL; CL-P1; hCL-P1

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.