

Rabbit COLEC11 Polyclonal Antibody | anti-COLEC11 antibody

COLEC11 Antibody

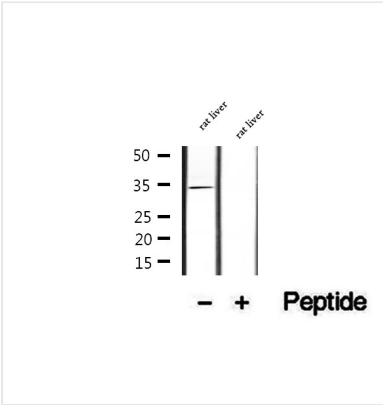
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323192	Rabbit	Human, Mouse, Rat, Zebrafish	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

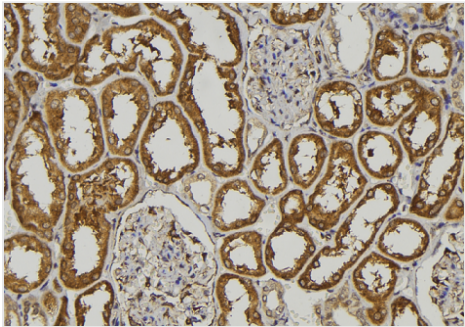
COLEC11; Polyclonal Antibody; COLEC11 Antibody; CL K1; CL K1 I; CL K1 II; CL K1 IIa; CL K1 IIb; CL-K1; CLK1; COL11_HUMAN; COLEC 11; Collectin 11; Collectin kidney I; Collectin kidney protein 1; Collectin sub family member 11; Collectin-11; Collectin11; DKFZp686N1868; MGC129470; MGC129471; MGC3279; anti-COLEC11 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Zebrafish
Clonality	Polyclonal
Isotype	IgG
Specificity	COLEC11 antibody detects endogenous levels of COLEC11.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	247
Applicable Applications for anti-COLEC11 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human COLEC11.
Subcellular Location	Secreted.
Tissue Specificity	Ubiquitous.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (82%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (91%), Chicken (100%), Xenopus (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts of rat liver tissue, using COLEC11 antibody.



IHC (Immunohistochemistry)
AAA323192 at 1/100 staining Human kidney 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.

ADDITIONAL INFORMATION

Related Product Information for anti-COLEC11 antibody	Function: Lectin that binds to various sugars including fucose and mannose. Has a higher affinity for fucose compared to mannose. Does not bind to glucose, N-acetylglucosamine and N-acetylgalactosamine. Also binds lipopolysaccharides (LPS). Involved in fundamental development serving as a guidance cue for neural crest cell migration (By similarity). Similarity: Belongs to the COLEC10/COLEC11 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	364502941
NCBI GeneID	78989
NCBI Accession #	NP_001242911.1
NCBI GenBank Nucleotide #	NM_001255982.1
UniProt Accession #	Q9BWP8; Q5CZ85; A1IGE4; A1IGE5; A1IGE6; A7VJJ2; A7VJJ3; A7VJJ4; A7VJJ5; B2R9M5; B4E1G0; J3KQY9
Molecular Weight	Observed: 34 kDa Predicted: 29 kDa
NCBI Official Full Name	collectin-11 isoform c
NCBI Official Synonym Full Names	collectin subfamily member 11
NCBI Official Symbol	COLEC11
NCBI Official Synonym Symbols	3MC2; CLK1; CL-K1-I; CL-K1-II; CL-K1-IIa; CL-K1-IIb
NCBI Protein Information	collectin-11
UniProt Protein Name	Collectin-11
UniProt Gene Name	COLEC11
UniProt Synonym Gene Names	CL-K1

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.