

Rabbit anti-Human, Mouse CD1D Polyclonal Antibody | anti-CD1D antibody

CD1D Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281072	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

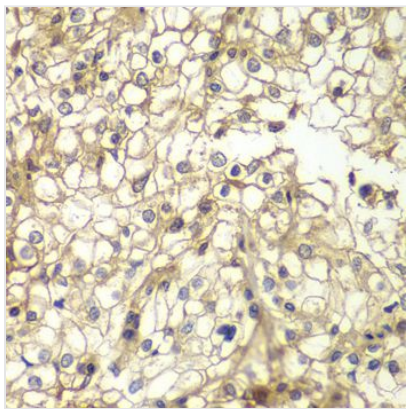
PRODUCT SYNONYMS

CD1D; Polyclonal Antibody; CD1D Polyclonal Antibody; CD1A; R3; R3G1; anti-CD1D antibody

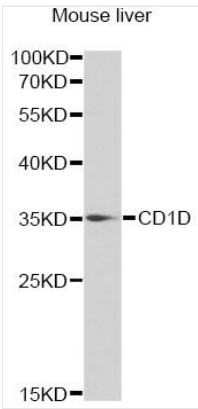
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	EVPQRLFPLR CLQISSFANS SWTRTDGLAW LGELQTHSWS NDSDTVRSLK PWSQGTFSQD QWETLQHIFR VYRSSFTRDV KEFAKMLRLS YPLELQVSAG CEVHPGNASN NFFHVAFAQGK DILSFQGTSW EPTQEAPLWV NLAIQVLNQD KWTRETVQWL LNGTCPQFVS G
Sequence Length	242
Applicable Applications for anti-CD1D antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human CD1D
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cell membrane, Endosome membrane, Lysosome membrane, Single-pass type I membrane protein
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human kidney cancer using CD1D antibody at dilution of 1:200 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of mouse liver, using CD1D antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-CD1D antibody	This gene encodes a divergent member of the CD1 family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. The CD1 proteins mediate the presentation of primarily lipid and glycolipid antigens of self or microbial origin to T cells. The human genome contains five CD1 family genes organized in a cluster on chromosome 1. The CD1 family members are thought to differ in their cellular localization and specificity for particular lipid ligands. The protein encoded by this gene localizes to late endosomes and lysosomes via a tyrosine-based motif in the cytoplasmic tail. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-CD1D antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	982742445
NCBI GeneID	912
NCBI Accession #	NP_001306074.1
NCBI GenBank Nucleotide #	NM_001319145.1
UniProt Accession #	P15813; Q5W0J3; Q9UMM3; Q9Y5M4; D3DVD5
Molecular Weight	Calculated: 37kDa Observed: 35kDa
NCBI Official Full Name	antigen-presenting glycoprotein CD1d isoform 2
NCBI Official Synonym Full Names	CD1d molecule
NCBI Official Symbol	CD1D
NCBI Official Synonym Symbols	R3; CD1A; R3G1
NCBI Protein Information	antigen-presenting glycoprotein CD1d
UniProt Protein Name	Antigen-presenting glycoprotein CD1d
UniProt Gene Name	CD1D

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.

