

Rabbit anti-Human CD1A Polyclonal Antibody | anti-CD1A antibody

CD1A Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285123	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

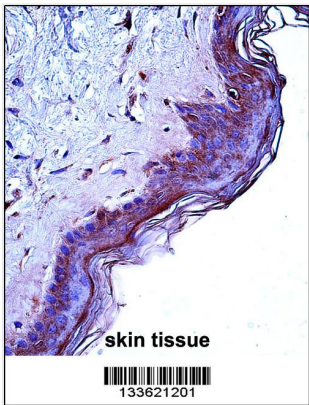
PRODUCT SYNONYMS

CD1A; Polyclonal Antibody; CD1A Antibody (Center); T-cell surface glycoprotein CD1a; T-cell surface antigen T6/Leu-6; hTa1 thymocyte antigen; CD1a; anti-CD1A antibody

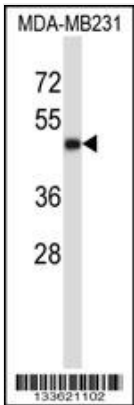
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CD1A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 75-104 amino acids from the Central region of human CD1A.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	75-104
Sequence Length	327
Applicable Applications for anti-CD1A antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
CD1A Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human skin tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of CD1A Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
CD1A Antibody (Center) western blot analysis in MDA-MB231 cell line lysates (35ug/lane).This demonstrates the CD1A antibody detected the CD1A protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CD1A antibody	This gene encodes a 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 the plasma membrane and to recycling vesicles of the early endocytic system. Alternatively spliced transcript variants have been observed, but their biological validity has not been determined.
Product Categories/Family for anti-CD1A antibody	Immunology
References	Zeissig, S., et al. J. Clin. Invest. 120(8):2889-2899(2010) Davila, S., et al. Genes Immun. 11(3):232-238(2010) Valencia, J., et al. J. Leukoc. Biol. 87(3):405-414(2010) Cernadas, M., et al. J. Immunol. 184(3):1235-1241(2010) Young, D.C., et al. J. Biol. Chem. 284(37):25087-25096(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	110618224
NCBI GeneID	909
NCBI Accession #	NP_001754.2
NCBI GenBank Nucleotide #	NM_001763.2
UniProt Accession #	P06126; Q13962; Q5TDJ8; Q9UMM4; Q9Y5M5; D3DVD7
Molecular Weight	37077
NCBI Official Full Name	T-cell surface glycoprotein CD1a
NCBI Official Synonym Full Names	CD1a molecule

NCBI Official Symbol	CD1A
NCBI Official Synonym Symbols	R4; T6; CD1; FCB6; HTA1
NCBI Protein Information	T-cell surface glycoprotein CD1a
UniProt Protein Name	T-cell surface glycoprotein CD1a
UniProt Gene Name	CD1A
UniProt Synonym Gene Names	hTa1 thymocyte antigen
UniProt Entry Name	CD1A_HUMAN

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/cd1a-antibody-immunohistochemistry-western-blot-elisa/285123>