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Anti-CD1d Antibody

Catalog # AP60662

Product Information

Application	WB, IHC
Primary Accession	P15813
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37717

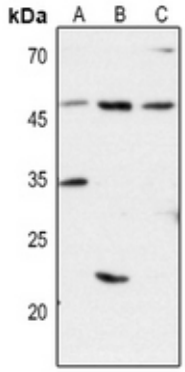
Additional Information

Gene ID	912
Other Names	Antigen-presenting glycoprotein CD1d; R3G1; CD1d
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD1d. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

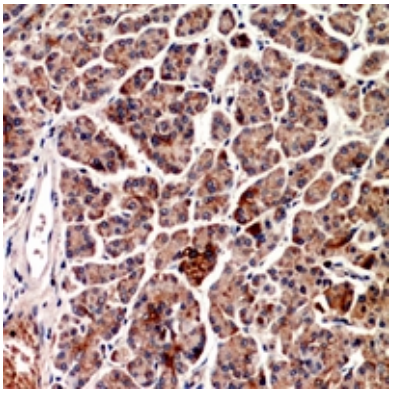
Protein Information

Name	CD1D
Function	Antigen-presenting protein that binds self and non-self glycolipids and presents them to T-cell receptors on natural killer T- cells.
Cellular Location	Cell membrane; Single-pass type I membrane protein. Basolateral cell membrane; Single-pass type I membrane protein. Endosome membrane; Single-pass type I membrane protein. Lysosome membrane; Single-pass type I membrane protein. Endoplasmic reticulum membrane; Single-pass type I membrane protein. Note=Subject to intracellular trafficking between the cell membrane, endosomes and lysosomes.
Tissue Location	Expressed on cortical thymocytes, on certain T-cell leukemias, and in various other tissues

Images



Western blot analysis of CD1d expression in HEK293T (A), Hela (B), H446 (C) whole cell lysates. (Predicted band size: 37 kD; Observed band size: 50 kD)



Immunohistochemical analysis of CD1d staining in human pancreas formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.