

产品名称: CD1e Rabbit Polyclonal Antibody
产品货号: APRab08264



产品概述 (Summary)

产品名称 (Production Name)	CD1e Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CD1E
别名 (Alternative Names)	CD1E; T-cell surface glycoprotein CD1e; membrane-associated; hCD1e; R2G1; CD antigen CD1e
基因 ID (Gene ID)	913.0
蛋白 ID (SwissProt ID)	P15812.The antiserum was produced against synthesized peptide derived from human CD1E. AA range:217-266

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	36kDa

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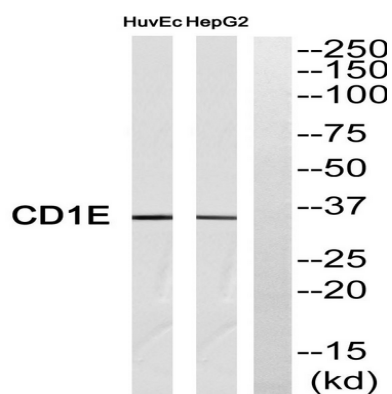
研究背景 (Background)

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 within Golgi compartments, endosomes, and lysosomes, and is cleaved into a stable soluble form. The soluble form is required for the intracellular processing of some glycolipids into a form that can be presented by other CD1 family members. Many alternatively spliced transcript variants encoding different isoforms have been described. Required for the presentation of glycolipid antigens on the cell surface., PTM: Mono-ubiquitinated., PTM: Proteolytically cleaved in endosomes to yield a soluble form., similarity: Contains 1 Ig-like (immunoglobulin-like) domain., subcellular location: Predominantly localized in the trans-Golgi network in immature dendritic cells, and as a cleaved, soluble protein in the lysosome lumen of mature dendritic cells., subunit: Heterodimer with B2M (beta-2-microglobulin), tissue specificity: Expressed on cortical thymocytes, dendritic cells, Langerhans cells, on certain T-cell leukemias, and in various other tissues.,

研究领域 (Research Area)

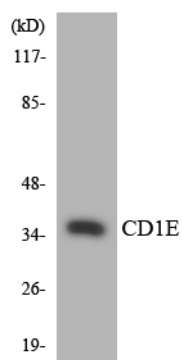
Hematopoietic cell lineage;

图片 (Image Data)

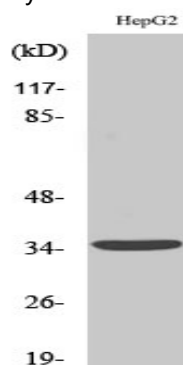


Western blot analysis of CD1E Antibody. The lane on the right is blocked with the CD1E peptide.

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Western blot analysis of the lysates from RAW264.7 cells using CD1E antibody.



Western Blot analysis of various cells using CD1e Polyclonal Antibody

注意事项 (Note)

For research use only .