

产品名称: CD109 Rabbit Polyclonal Antibody
产品货号: APRab08190



产品概述 (Summary)

产品名称 (Production Name)	CD109 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, 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)	CD109 CPAMD7
别名 (Alternative Names)	CD109 antigen (150 kDa TGF-beta-1-binding protein; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 7; Platelet-specific Gov antigen; p180; r150; CD antigen CD109)
基因 ID (Gene ID)	135228.0
蛋白 ID (SwissProt ID)	Q6YHK3. Synthetic peptide from human protein at AA range: 751-800

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:50-1:200, ICC/IF 1:50-1:200, ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	

产品名称: CD109 Rabbit Polyclonal Antibody
产品货号: AP Rab08190

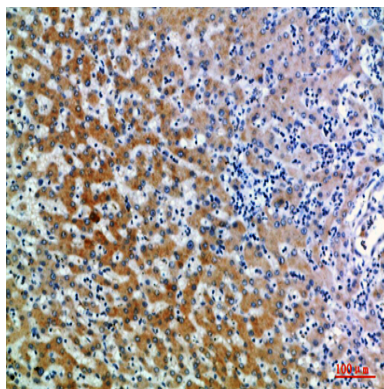


研究背景 (Background)

This gene encodes a glycosyl phosphatidylinositol (GPI)-linked glycoprotein that localizes to the surface of platelets, activated T-cells, and endothelial cells. The protein binds to and negatively regulates signalling by transforming growth factor beta (TGF-beta). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2014],function:Modulates negatively TGFB1 signaling in keratinocytes.,polymorphism:The Gov(b) variant in position 703 defines the Gov alloantigenic determinants.,PTM:2 forms of 150 (p150) and 120 kDa (p120) exist due to proteolytic degradation from a 180 kDa form.,PTM:N-glycosylated.,similarity:Belongs to the protease inhibitor I39 (alpha-2-macroglobulin) family.,subunit:Heterodimer; disulfide-linked. Interacts with TGFB1 and TGFB1. Forms a heteromeric complex with TGFB1, TGFB2 and TGFB3 in a ligand-independent manner.,tissue specificity:Widely expressed with high level in uterus, aorta, heart, lung, trachea, placenta and in fetal heart, kidney, liver, spleen and lung. Expressed by CD34(+) acute myeloid leukemia cell lines, T-cell lines, activated T lymphoblasts, endothelial cells and activated platelets. Isoform 5 is expressed in placenta. Isoform 1 is expressed in keratinocytes and placenta.,

研究领域 (Research Area)

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:200

注意事项 (Note)

For research use only .