

Anti-CD109 Antibody

Rabbit polyclonal antibody to CD109
Catalog # AP61245

Product Information

Application	WB, IHC
Primary Accession	Q6YHK3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	161689

Additional Information

Gene ID	135228
Other Names	CPAMD7; 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; CD109
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD109. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/50 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/50 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C. Stable for 12 months from date of receipt

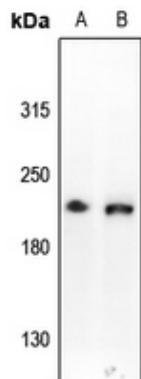
Protein Information

Name	CD109
Synonyms	CPAMD7
Function	Modulates negatively TGFB1 signaling in keratinocytes.
Cellular Location	Cell membrane; Lipid-anchor, GPI-anchor
Tissue Location	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 4 is expressed in placenta. Isoform 1 is expressed in keratinocytes and placenta.

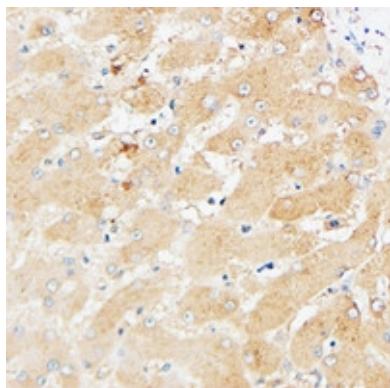
Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD109. The exact sequence is proprietary.

Images



Western blot analysis of CD109 expression in HepG2 (A), A549 (B) whole cell lysates.



Immunohistochemical analysis of CD109 staining in human liver 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'.