

产品名称: CD81 Rabbit Polyclonal Antibody
产品货号: APRab08465



产品概述 (Summary)

产品名称 (Production Name)	CD81 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, ELISA
种属反应性 (Reactivity)	Human, Mouse, Rat

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)	CD81
别名 (Alternative Names)	CD81; TAPA1; TSPAN28; CD81 antigen; 26 kDa cell surface protein TAPA-1; Target of the antiproliferative antibody 1; Tetraspanin-28; Tspan-28; CD81
基因 ID (Gene ID)	975.0
蛋白 ID (SwissProt ID)	P60033. The antiserum was produced against synthesized peptide derived from the Internal region of human CD81. AA range: 111-160

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:50-1:200, ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	26kDa

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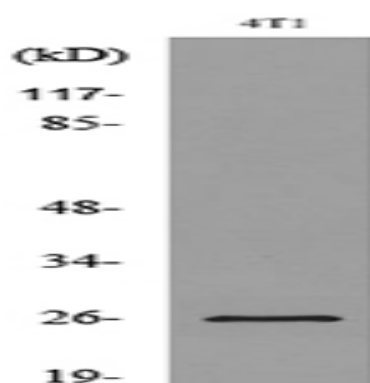
研究背景 (Background)

The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins. This protein appears to promote muscle cell fusion and support myotube maintenance. Also it may be involved in signal transduction. This gene is localized in the tumor-suppressor gene region and thus it is a candidate gene for malignancies. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2014],function:May play an important role in the regulation of lymphoma cell growth. Interacts with a 16-kDa Leu-13 protein to form a complex possibly involved in signal transduction. May acts a the viral receptor for HCV.,PTM:Not glycosylated.,similarity:Belongs to the tetraspanin (TM4SF) family.,subunit:Plays a critical role in HCV attachment and/or cell entry by interacting with HCV E1/E2 glycoproteins heterodimer. Interacts directly with IGSF8.,tissue specificity:Hematolymphoid, neuroectodermal and mesenchymal tumor cell lines.,

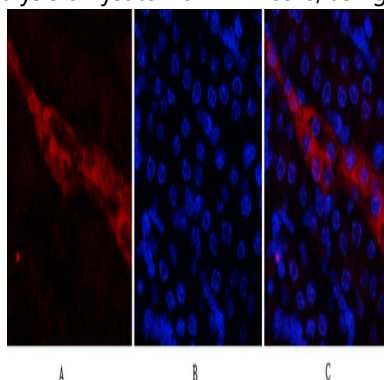
研究领域 (Research Area)

B_Cell_Antigen;

图片 (Image Data)



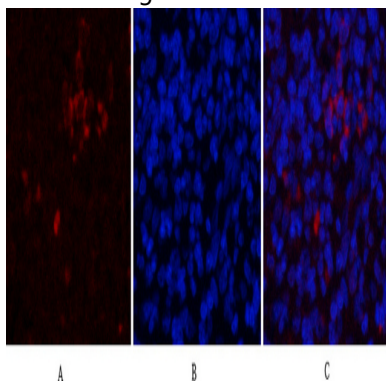
Western blot analysis of lysate from 4T1 cells, using CD81 Antibody.



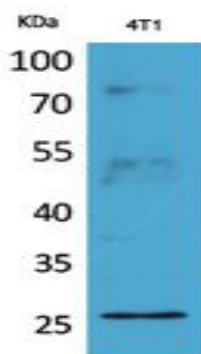
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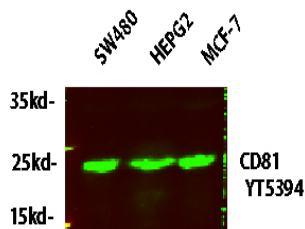
Immunofluorescence analysis of mouse-kidney tissue. 1,CD81 Polyclonal Antibody (red) was diluted at 1:200 (4°C,overnight) . 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min) .3, Picture B: DAPI (blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



Immunofluorescence analysis of rat-spleen tissue. 1,CD81 Polyclonal Antibody (red) was diluted at 1:200 (4°C,overnight) . 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min) .3, Picture B: DAPI (blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



Western Blot analysis of 4T1 cells using CD81 Polyclonal Antibody. Antibody was diluted at 1:2000. Secondary antibody was diluted at 1:20000



Western blot analysis of lysates from HT-29, NIH/3T3, and HepG2 cells, primary antibody was diluted at 1:1000, 4° over night, secondary antibody was diluted at 1:10000, 37° 1hour.

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注意事项 (Note)

For research use only .