

Rabbit CD81 Polyclonal Antibody | anti-CD81 antibody

CD81 Antibody

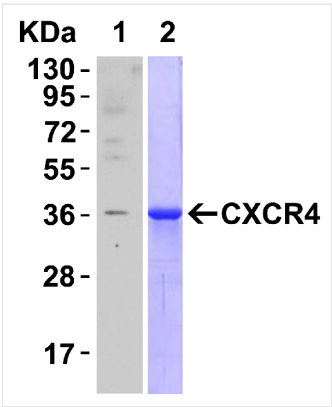
CATALOG # AAA39977	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

CD81; Polyclonal Antibody; CD81 Antibody; S5.7; CVID6; TAPA1; TSPAN28; CD81 antigen; 26 kDa cell surface protein TAPA-1; Tspan-28; CD81 molecule; anti-CD81 antibody

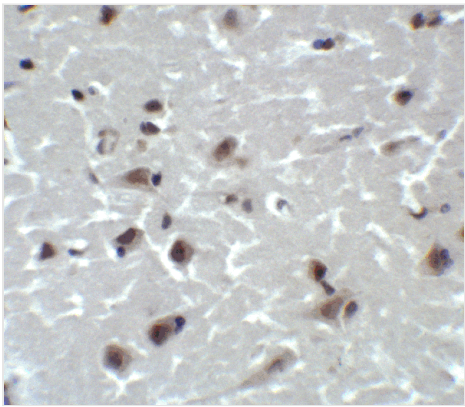
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	CD81 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	236
Applicable Applications for anti-CD81 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	CD81 antibody was raised against a 20 amino acid synthetic peptide near the amino terminus of human CD81. The immunogen is located within amino acids 30-80 of CD81 (extracellular region).
Buffer	CD81 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Antibody can be stored at 4 degree C up to one year. Antibodies should not be exposed to prolonged high temperatures.



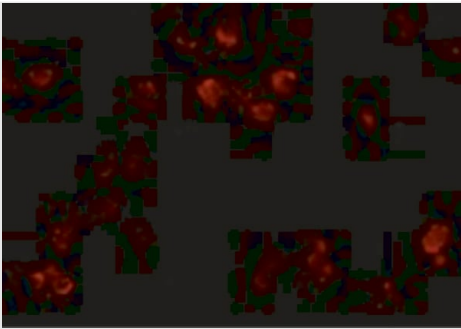
IF (Immunofluorescence)

Immunofluorescence of CD81 in human brain tissue with CD81 antibody at 10 μg/ml. Green: CD81 Antibody (5195) Blue: DAPI staining



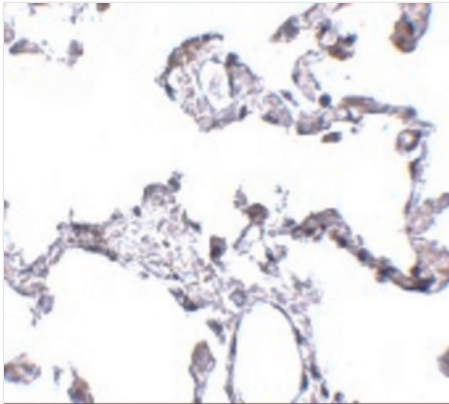
IHC (Immunohistochemistry)

Immunohistochemistry of CD81 in human brain tissue with CD81 antibody at 2 μg/ml.



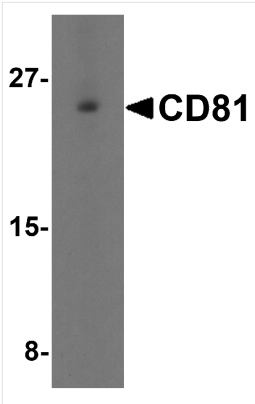
IF (Immunofluorescence)

Immunofluorescence of CD81 in A549 cells with CD81 antibody at 20 μg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of CD81 in human lung tissue with CD81 antibody at 5 μg/mL.



WB (Western Blot)

Western blot analysis of CD81 in human lung tissue lysate with CD81 antibody at 1 μg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CD81 antibody

CD81 Antibody: CD81 is a member of the transmembrane 4 superfamily, also known as the tetraspanin family, a group of cell-surface proteins that are characterized by the presence of four hydrophobic domains and mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. CD81 is a cell surface glycoprotein that associates with integrins and appears to promote muscle cell fusion and support myotube maintenance. Along with SCARB1, LDL-R, and CLDN1, CD81 has been reported to be an entry factor for the Hepatitis C virus. Finally, recent evidence indicates that the CD81 gene is localized in a tumor-suppressor gene region and is thus a candidate gene for malignancies.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757944
NCBI GeneID	975
NCBI Accession #	NP_004347
NCBI GenBank Nucleotide #	NM_004356.3
UniProt Accession #	P60033; P18582; Q5U0J6
Molecular Weight	25,809 Da
NCBI Official Full Name	CD81 antigen isoform 1
NCBI Official Synonym Full Names	CD81 molecule
NCBI Official Symbol	CD81
NCBI Official Synonym Symbols	S5.7; CVID6; TAPA1; TSPAN28
NCBI Protein Information	CD81 antigen; tspan-28; tetraspanin-28; 26 kDa cell surface protein TAPA-1; CD81 antigen (target of antiproliferative antibody 1)
UniProt Protein Name	CD81 antigen
UniProt Gene Name	CD81
UniProt Synonym Gene Names	TAPA1; TSPAN28; Tspan-28
UniProt Entry Name	CD81_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd81-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39977>