

Rabbit anti-Human Cluster Of Differentiation 109 Polyclonal Antibody | anti-CD109 antibody

Polyclonal Antibody to Cluster Of Differentiation 109 (CD109)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA143164	Rabbit	Human	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Cluster Of Differentiation 109; Polyclonal Antibody; Polyclonal Antibody to Cluster Of Differentiation 109 (CD109); anti-CD109 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CD109. It has been selected for its ability to recognize CD109 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	1mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGE F-AYALLSHF LQFQTSEGIP IMRWLSRQRN SLGGFASTQD TTVALKALSE FAALMNTERT NIQVTVTGPS SPSPVKFLID THNRLLQTA ELAVVQPTAV NISANGFGFA ICQLNVVYNV KASGSSRRRR SIQNQEAFDL DVAVKENKDD LNHVDLNVCT SFGSGPRSGM ALMEVNLLSG FMVPSEAISL SETVKKV
Sequence Length	1428
Applicable Applications for anti-CD109 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	CD109 (Ala1146~Gln1390)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human
Conjugate	No Conjugate
Immunogen	Recombinant CD109 (Ala1146~Gln1390) expressed in E. Coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Human Prostate cancer Tissue



IHC (Immunohiostchemistry)
DAB staining on fromalin fixed paraffin- embedded prostate gland cancer tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	227430301
NCBI GeneID	135228
NCBI Accession #	NP_001153059.1
NCBI GenBank Nucleotide #	NM_001159587.2
UniProt Accession #	Q6YHK3; Q0P6K7; Q5SYA8; Q5XUM7; Q5XUM9; Q6MZI7; Q8N3A7; Q8N915; Q8TDJ2; A5YKK4; B2R948; B3KW25
Molecular Weight	159,696 Da
NCBI Official Full Name	CD109 antigen isoform 2 preproprotein
NCBI Official Synonym Full Names	CD109 molecule
NCBI Official Symbol	CD109
NCBI Official Synonym Symbols	p180; r150; CPAMD7
NCBI Protein Information	CD109 antigen
UniProt Protein Name	CD109 antigen
UniProt Gene Name	CD109
UniProt Synonym Gene Names	CPAMD7

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/cluster-of-differentiation-109-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/143164>