

Rabbit CD151 Polyclonal Antibody | anti-CD151 antibody

CD151 Polyclonal Antibody

CATALOG # AAA170412	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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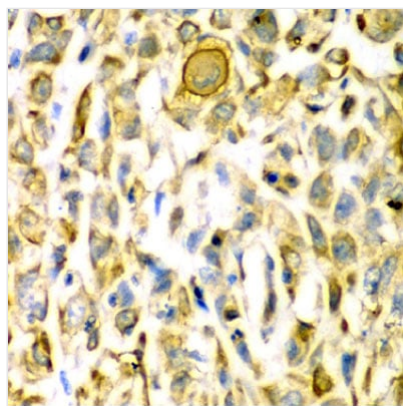
PRODUCT SYNONYMS

CD151; Polyclonal Antibody; CD151 Polyclonal Antibody; GP27; MER2; PETA-3; RAPH; SFA1; TSPAN24; anti-CD151 antibody

PRODUCT SPECIFICATIONS

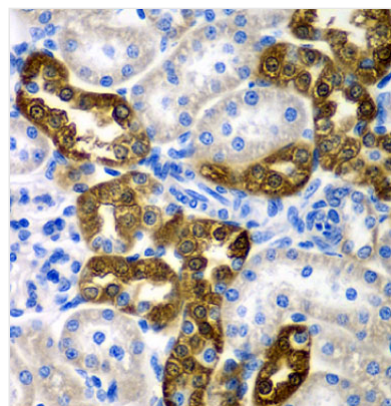
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1mg/mL (varies by lot)
Sequence Length	253
Applicable Applications for anti-CD151 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human CD151 (NP_001034579.1).
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-18753-R / sc-33123
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



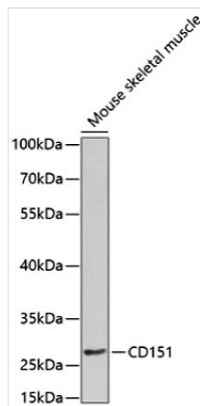
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer using CD151 Polyclonal Antibody at dilution of 1:200 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat kidney using CD151 Polyclonal Antibody at dilution of 1:200 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of Mouse skeletal muscle using CD151 Polyclonal Antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-CD151 antibody	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 and other transmembrane 4 superfamily proteins. It is involved in cellular processes including cell adhesion and may regulate integrin trafficking and/or function. This protein enhances cell motility, invasion and metastasis of cancer cells. Multiple alternatively spliced transcript variants that encode the same protein have been described for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21237751
NCBI GeneID	977
NCBI Accession #	NP_620599.1
NCBI GenBank Nucleotide #	NM_139030.3
UniProt Accession #	P48509; Q14826; Q86U54; Q96TE3; A8KAK8; E9PI15
Molecular Weight	Calculated MW: 28kDa Observed MW: 28kDa
NCBI Official Full Name	CD151 antigen
NCBI Official Synonym Full Names	CD151 molecule (Raph blood group)
NCBI Official Symbol	CD151
NCBI Official Synonym Symbols	GP27; MER2; RAPH; SFA1; PETA-3; TSPAN24
NCBI Protein Information	CD151 antigen; CD151 antigen (Raph blood group); hemidesmosomal tetraspanin CD151; membrane glycoprotein SFA-1; platelet surface glycoprotein gp27; platelet-endothelial cell tetraspan antigen 3; platelet-endothelial tetraspan antigen 3; tetraspanin-24; tspan-24
UniProt Protein Name	CD151 antigen
UniProt Gene Name	CD151
UniProt Synonym Gene Names	TSPAN24; PETA-3; Tspan-24
UniProt Entry Name	CD151_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/cd151-antibody-immunohistochemistry-western-blot-elisa/170412>