

Rabbit anti-Human ITGAV Polyclonal Antibody | anti-ITGAV antibody

ITGAV Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233945	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

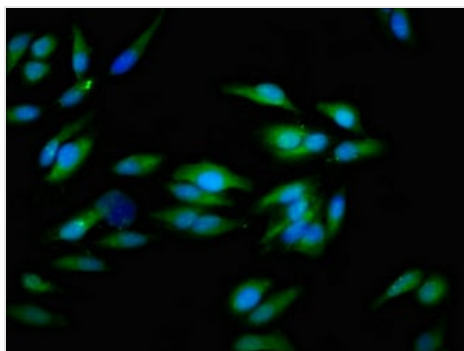
PRODUCT SYNONYMS

ITGAV; Polyclonal Antibody; ITGAV Antibody; Integrin alpha-V; Vitronectin receptor subunit alpha; CD_antigen: CD51; Integrin alpha-V heavy chain; Integrin alpha-V light chain; MSK8; VNRA; anti-ITGAV antibody

PRODUCT SPECIFICATIONS

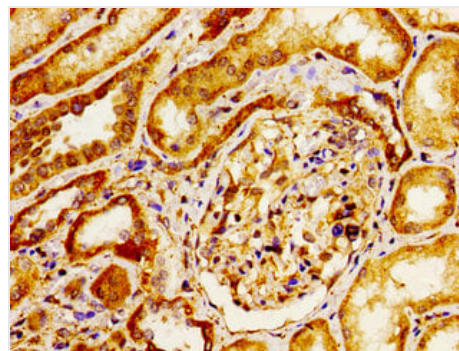
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1002
Applicable Applications for anti-ITGAV antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Integrin alpha-V protein (775-885AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



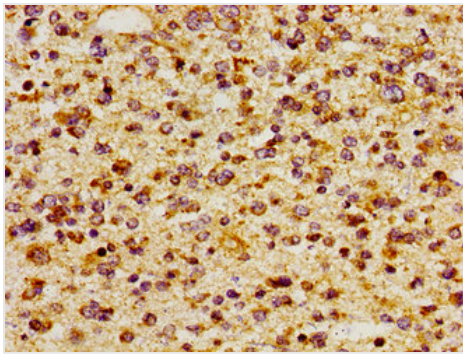
IF (Immunofluorescence)

Immunofluorescent analysis of HeLa cells using AAA233945 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

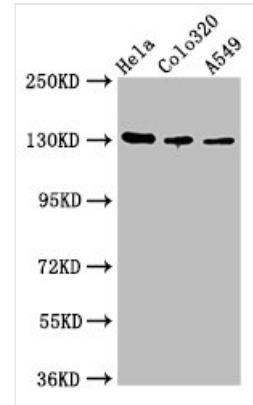


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA233945 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human glioma cancer using AAA233945 at dilution of 1:100



WB (Western Blot)
Western Blot Positive WB detected in: HeLa whole cell lysate, Colo320 whole cell lysate, A549 whole cell lysate
All lanes: ITGAV antibody at 2.7ug/ml
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution
Predicted band size: 117, 113, 112 KDa
Observed band size: 130 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-ITGAV antibody	The alpha-V (ITGAV) integrins are receptors for vitronectin, cytotactin, fibronectin, fibrinogen, laminin, matrix metalloproteinase-2, osteopontin, osteomodulin, prothrombin, thrombospondin and vWF. They recognize the sequence R-G-D in a wide array of ligands. ITGAV:ITGB3 binds to fractalkine (CX3CL1) and may act as its coreceptor in CX3CR1-dependent fractalkine signaling (PubMed:23125415). ITGAV:ITGB3 binds to NRG1 (via EGF domain) and this binding is essential for NRG1-ERBB signaling (PubMed:20682778). ITGAV:ITGB3 binds to FGF1 and this binding is essential for FGF1 signaling (PubMed:18441324). ITGAV:ITGB3 binds to IGF1 and this binding is essential for IGF1 signaling (PubMed:19578119). ITGAV:ITGB3 binds to PLA2G2A via a site (site 2) which is distinct from the classical ligand-binding site (site 1) and this induces integrin conformational changes and enhanced ligand binding to site 1 (PubMed:18635536, PubMed:25398877). ITGAV:ITGB3 and ITGAV:ITGB6 act as a receptor for fibrillin-1 (FBN1) and mediate R-G-D-dependent cell adhesion to FBN1 (PubMed:12807887, PubMed:17158881).
Product Categories/Family for anti-ITGAV antibody	Cancer ; Cardiovascular ; Microbiology ; Signal transduction ; Stem cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	223468595
NCBI GeneID	3685
NCBI Accession #	NP_001138471.1
NCBI GenBank Nucleotide #	NM_001144999.2
UniProt Accession #	P06756; Q53SK4; Q59EB7; Q6LD15; A0AV67; B0LPP4; B7Z883; B7ZLX0; D3DPG8; E7EWZ6
Molecular Weight	111,132 Da
NCBI Official Full Name	integrin alpha-V isoform 2
NCBI Official Synonym Full Names	integrin subunit alpha V
NCBI Official Symbol	ITGAV
NCBI Official Synonym Symbols	CD51; MSK8; VNRA; VTNR
NCBI Protein Information	integrin alpha-V
UniProt Protein Name	Integrin alpha-V
UniProt Gene Name	ITGAV

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/itgav-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/233945>