

Rabbit anti-Human, Mouse ITGB4 Polyclonal Antibody | anti-ITGB4 antibody

ITGB4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232548	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

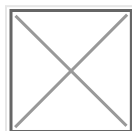
PRODUCT SYNONYMS

ITGB4; Polyclonal Antibody; ITGB4 Antibody; Integrin beta-4; GP150; CD104; anti-ITGB4 antibody

PRODUCT SPECIFICATIONS

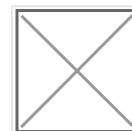
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1822
Applicable Applications for anti-ITGB4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Integrin beta-4 protein (1401-1533AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-55514 / sc-55514 / sc-6629
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



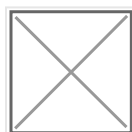
IF (Immunofluorescence)

Immunofluorescent analysis of A549 cells using AAA232548 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



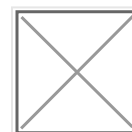
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human pancreatic cancer using AAA232548 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta tissue using AAA232548 at dilution of 1:100



WB (Western Blot)

Western BlotPositive WB detected in:Mouse brain tissueAll lanes: ITGB4 antibody at 3.5ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 203,196,201,195,107 kDaObserved band size: 203 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ITGB4 antibody	Integrin alpha-6/beta-4 is a receptor for laminin. Plays a critical structural role in the hemidesmosome of epithelial cells. Is required for the regulation of keratinocyte polarity and motility. ITGA6: ITGB4 binds to NRG1 (via EGF domain) and this binding is essential for NRG1-ERBB signaling (PubMed: 20682778). ITGA6: ITGB4 binds to IGF1 and this binding is essential for IGF1 signaling (PubMed: 22351760).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54607035
NCBI GeneID	3691
NCBI Accession #	NP_000204.3
NCBI GenBank Nucleotide #	NM_000213.4
UniProt Accession #	P16144; O14690; O14691; O15339; O15340; O15341; Q0VF97; Q9UIQ4; A0AVL6
Molecular Weight	106,779 Da
NCBI Official Full Name	integrin beta-4 isoform 1
NCBI Official Synonym Full Names	integrin subunit beta 4
NCBI Official Symbol	ITGB4
NCBI Official Synonym Symbols	CD104; GP150
NCBI Protein Information	integrin beta-4
UniProt Protein Name	Integrin beta-4
UniProt Gene Name	ITGB4
UniProt Entry Name	ITB4_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/itgb4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/232548>