

Rabbit ITGB5 Polyclonal Antibody | anti-ITGB5 antibody

ITGB5 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286952	Rabbit	Human (Predicted Reactivity: Bovine, Mouse)	Western Blot, Immunohistochemistry, ELISA

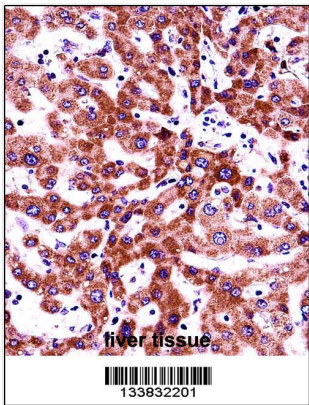
PRODUCT SYNONYMS

ITGB5; Polyclonal Antibody; ITGB5 Antibody (N-term); Integrin beta-5; anti-ITGB5 antibody

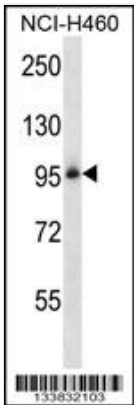
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ITGB5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 216-244 amino acids from the N-terminal region of human ITGB5.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	0.44mg/ml (varies by lot)
Sequence Positions	216-244
Sequence Length	799
Applicable Applications for anti-ITGB5 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Function	Integrin alpha-V/beta-5 (ITGAV:ITGB5) is a receptor for fibronectin. It recognizes the sequence R-G-D in its ligand.
Cellular Location	Membrane; Single-pass type I membrane protein
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
ITGB5 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of ITGB5 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
ITGB5 Antibody (N-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the ITGB5 antibody detected the ITGB5 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ITGB5 antibody	Integrin alpha-V/beta-5 is a receptor for fibronectin. It recognizes the sequence R-G-D in its ligand.
Product Categories/Family for anti-ITGB5 antibody	Signal Transduction
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Li, Z., et al. J. Biol. Chem. 285(31):23699-23710(2010) Leifheit-Nestler, M., et al. Arterioscler. Thromb. Vasc. Biol. 30(7):1398-1406(2010) Lane, D., et al. Oncogene 29(24):3519-3531(2010) Lyle, C., et al. Virol. J. 7, 148 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	20127446
NCBI GeneID	3693
NCBI Accession #	NP_002204.2
NCBI GenBank Nucleotide #	NM_002213.4
UniProt Accession #	P18084; BOLPF8; B2RD70
Molecular Weight	88054
NCBI Official Full Name	integrin beta-5
NCBI Official Synonym Full Names	integrin, beta 5
NCBI Official Symbol	ITGB5
NCBI Protein Information	integrin beta-5
UniProt Protein Name	Integrin beta-5
UniProt Gene Name	ITGB5
UniProt Entry Name	ITB5_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/itgb5-antibody-western-blot-immunohistochemistry-elisa/286952>