

Integrin alpha 5 Polyclonal Antibody | anti-ITGA5 antibody

Anti-Integrin alpha 5 Antibody

CATALOG # AAA46585	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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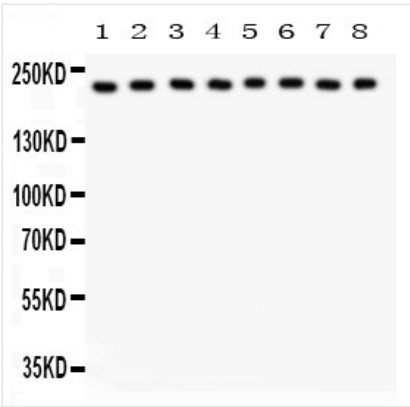
PRODUCT SYNONYMS

Integrin alpha 5; Polyclonal Antibody; Anti-Integrin alpha 5 Antibody; Integrin alpha-5; CD49 antigen-like family member E; CD49e; Fibronectin Receptor alpha; Fibronectin receptor subunit alpha; Fibronectin receptor; alpha subunit; FNRA; Integrin alpha 5 (fibronectin receptor alpha); Integrin alpha-5 light chain; Integrin alpha-F; Integrin; alpha 5 (fibronectin receptor; alpha polypeptide); ITA5_HUMAN; ITGA 5; ITGA5; Very Late Activation Protein 5 alpha; Very late activation protein 5; VLA-5; VLA5; VLA5A; integrin; anti-ITGA5 antibody

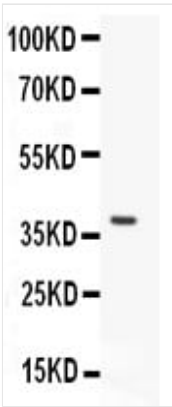
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	1098
Applicable Applications for anti-ITGA5 antibody	WB (Western Blot)
Immunogen	E Coli-derived human Integrin alpha 5 recombinant protein (Position: E787-E992). Human Integrin alpha 5 shares 86% amino acid (aa) sequence identity with mouse Integrin alpha 5.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti- Integrin alpha 5 Picoband antibody, AAA46585, Western blottingAll lanes: Anti Integrin alpha 5 (AAA46585) at 0.5ug/mlLane 1: Rat Brain Tissue Lysate at 50ugLane 2: Mouse Brain Tissue Lysate at 50ugLane 3: MM231 Whole Cell Lysate at 40ugLane 4: HELA Whole Cell Lysate at 40ugLane 5: JURKAT Whole Cell Lysate at 40ugLane 6: 293T Whole Cell Lysate at 40ugLane 7: NEURO Whole Cell Lysate at 40ugLane 8: PC-12 Whole Cell Lysate at 40ugPredicted bind size: 115KDObserved bind size: 220KD



WB (Western Blot)
Anti- Integrin alpha 5 Picoband antibody, AAA46585, Western blottingAll lanes: Anti Integrin alpha 5 (AAA46585) at 0.5ug/mlWB: Recombinant Human Integrin alpha 5 Protein 0.5ngPredicted bind size: 39KDObserved bind size: 39KD

ADDITIONAL INFORMATION

Related Product Information for anti-ITGA5 antibody	Description: Rabbit IgG polyclonal antibody for Integrin alpha-5(ITGA5) detection. Tested with WB in Human;Mouse;Rat. Background: Integrin alpha-5, also known as FNRA or VLA5A, is a protein that in humans is encoded by the ITGA5 gene. The product of this gene belongs to the integrin alpha chain family. Integrins are integral membrane proteins composed of an alpha chain and a beta chain. This gene encodes the integrin alpha 5 chain. Alpha chain 5 undergoes post-translational cleavage in the extracellular domain to yield disulfide-linked light and heavy chains that join with beta 1 to form a fibronectin receptor. In addition to adhesion, integrins are known to participate in cell-surface mediated signalling.
References	1. Sosnoski DM, Emanuel BS, Hawkins AL, van Tuinen P, Ledbetter DH, Nussbaum RL, Kaos FT, Schwartz E, Phillips D, Bennett JS, et al. (Aug 1988). 2. "Entrez Gene: ITGA5 integrin, alpha 5 (fibronectin receptor, alpha polypeptide)"

NCBI AND UNIPROT INFORMATION

NCBI GI #	938148811
NCBI GeneID	3678
NCBI Accession #	NP_002196.3
NCBI GenBank Nucleotide #	NM_002205.3
UniProt Accession #	P08648; Q96HA5
Molecular Weight	114,536 Da
NCBI Official Full Name	integrin alpha-5 preproprotein
NCBI Official Synonym Full Names	integrin subunit alpha 5
NCBI Official Symbol	ITGA5
NCBI Official Synonym Symbols	FNRA; CD49e; VLA-5; VLA5A
NCBI Protein Information	integrin alpha-5
UniProt Protein Name	Integrin alpha-5

UniProt Gene Name	ITGA5
UniProt Synonym Gene Names	FNRA
UniProt Entry Name	ITA5_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/integrin-alpha-5-antibody-western-blot-elisa/46585>