

Rabbit Integrin alpha 3 Polyclonal Antibody | anti-ITGA3 antibody

Anti-Integrin alpha 3 antibody

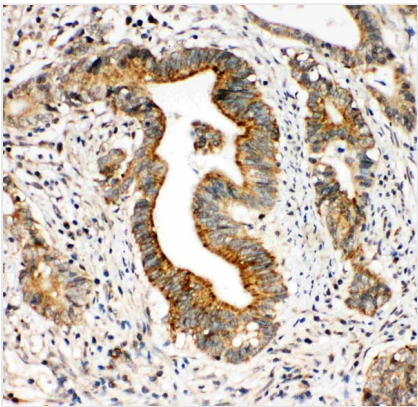
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45135	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

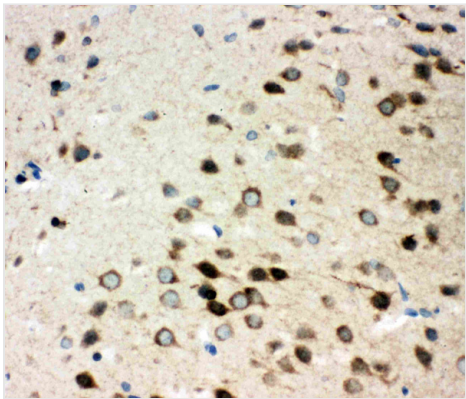
Integrin alpha 3; Polyclonal Antibody; Anti-Integrin alpha 3 antibody; Integrin alpha-3; integrin; alpha 3(antigen CD49C; alpha 3 subunit of VLA-3 receptor); AA407068 antibody; Antigen identified by monoclonal antibody J143 antibody; CD49 antigen like family member C antibody; CD49 antigen-like family member C antibody; CD49c antibody; CD49c antigen antibody; FLJ34631 antibody; FLJ34704 antibody; FRP 2 antibody; FRP-2 antibody; FRP2 antibody; galactoprotein B3 antibody; GAP B3 antibody; GAPB3 antibody; Integrin alpha 3 antibody; Integrin alpha-3 light chain antibody; Integrin; alpha 3 subunit of VLA-3 receptor) antibody; ITA3_HUMAN antibody; ITGA 3 antibody; ITGA3 antibody; MSK18 antibody; URO1 antibody; VCA 2 antibody; VCA2 antibody; Very late activation protein 3 receptor alpha 3 subunit antibody; Very Late Activation Protein 3 Receptor Alpha 3 Subunit antibody; VL3A antibody; VLA 3 alpha chain antibody; VLA 3 subunit alpha antibody; VLA-3 subunit alpha antibody; VLA3 antibody; VLA3a antibody; anti-ITGA3 antibody

PRODUCT SPECIFICATIONS

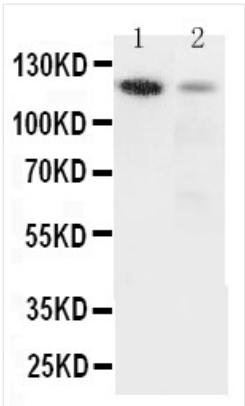
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	1051
Applicable Applications for anti-ITGA3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human Integrin alpha 3 (51-67aa LFGYSVALHRQTERQQR), identical to the related rat and mouse sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
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 aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



IHC (Immunohistochemistry)
Anti-Integrin alpha 3 antibody, AAA45135, IHC(P)IHC(P): Human Intestinal Cancer Tissue



IHC (Immunohistochemistry)
Anti-Integrin alpha 3 antibody, AAA45135, IHC(P)IHC(P): Rat Brain Tissue



WB (Western Blot)
Anti-Integrin alpha 3 antibody, AAA45135, Western blottingLane 1: Rat Heart Tissue
LysateLane 2: HELA Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-ITGA3 antibody

Description: Rabbit IgG polyclonal antibody for Integrin alpha-3(ITGA3) detection. Tested with WB, IHC-P in Human, Mouse, Rat.

Background: ITGA3(INTEGRIN, ALPHA-3), also called CD49C, VLA3 or GAPB3, is a protein that in humans is encoded by the ITGA3 gene. ITGA3 is an integrin alpha subunit which is also a member of the family of cell surface adhesion molecules. ITGA3 is mapped to chromosome 17 and its exact cytogenetic location is 17q21.33. ITGA3 makes up half of the alpha3beta1 integrin duplex that plays a role in neural migration and corticogenesis together with beta-1 subunit. A functional link between DAB1 phosphorylation and ITGA3 signaling drives the timely detachment of migrating neurons from radial glial fibers. Expression of human ITGA3 increased the infectivity of virus for Chinese hamster ovary cells. ITGA3 also contains 13 potential N-glycosylation sites, 2 potential cleavage sites, and the 7 N-terminal repeating units characteristic of ITGAs. Recombinant ITGA3 is expressed as a 150-kD protein as the same size as the native protein by the western blot analysis.

NCBI AND UNIPROT INFORMATION

NCBI GI #	347595830
NCBI GeneID	3675
UniProt Accession #	P26006; A7E246; B7ZM80; B9EGQ1; D3DTX4; D3DTX5
Molecular Weight	118,756 Da
NCBI Official Full Name	Integrin alpha-3
NCBI Official Synonym Full Names	integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor)

NCBI Official Symbol	ITGA3
NCBI Official Synonym Symbols	VL3A; CD49C; GAPB3; ILNEB; MSK18; VCA-2; VLA3a; GAP-B3
NCBI Protein Information	integrin alpha-3; FRP-2; galactoprotein B3; VLA-3 subunit alpha; CD49 antigen-like family member C; antigen identified by monoclonal antibody J143; very late activation protein 3 receptor, alpha-3 subunit
UniProt Protein Name	Integrin alpha-3
UniProt Gene Name	ITGA3
UniProt Synonym Gene Names	MSK18; GAPB3
UniProt Entry Name	ITA3_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-3-antibody-immunohistochemistry-western-blot-elisa/45135>