

Goat anti-ITGA3 (isoform a) Antibody
Peptide-affinity purified goat antibody
Catalog # AF4390a

Specification

Goat anti-ITGA3 (isoform a) Antibody - Product Information

Application	WB, Pep-ELISA
Primary Accession	P26006
Other Accession	NP_002195.1
Reactivity	Human, Mouse, Pig, Bovine
Host	Goat
Clonality	Polyclonal
Calculated MW	116612

Goat anti-ITGA3 (isoform a) Antibody - Additional Information

Gene ID 3675

Other Names

ITGA3; integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor); CD49C; GAP-B3; GAPB3; ILNEB; MSK18; VCA-2; VL3A; VLA3a; CD49 antigen-like family member C; FRP-2; VLA-3 subunit alpha; antigen identified by monoclonal antibody J143; galactoprot

Format

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Immunogen

This antibody is expected to recognize reported isoform a (NP_002195.1).

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat anti-ITGA3 (isoform a) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat anti-ITGA3 (isoform a) Antibody - Protein Information

Name ITGA3

Synonyms MSK18

Function

Integrin alpha-3/beta-1 is a receptor for fibronectin, laminin, collagen, epiligrin, thrombospondin and CSPG4. Integrin alpha- 3/beta-1 provides a docking site for FAP (seprase) at invadopodia

plasma membranes in a collagen-dependent manner and hence may participate in the adhesion, formation of invadopodia and matrix degradation processes, promoting cell invasion. Alpha-3/beta-1 may mediate with LGALS3 the stimulation by CSPG4 of endothelial cells migration.

Cellular Location

Cell membrane; Single-pass type I membrane protein. Cell membrane; Lipid- anchor. Cell projection, invadopodium membrane; Single-pass type I membrane protein. Cell projection, filopodium membrane; Single-pass type I membrane protein. Note=Enriched preferentially at invadopodia, cell membrane protrusions that correspond to sites of cell invasion, in a collagen-dependent manner.

Tissue Location

Isoform 1 is widely expressed. Isoform 2 is expressed in brain and heart. In brain, both isoforms are exclusively expressed on vascular smooth muscle cells, whereas in heart isoform 1 is strongly expressed on vascular smooth muscle cells, isoform 2 is detected only on endothelial vein cells.

Goat anti-ITGA3 (isoform a) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat anti-ITGA3 (isoform a) Antibody - Images