

Integrin alpha 9 Antibody
Rabbit mAb
Catalog # AP92037**Specification****Integrin alpha 9 Antibody - Product Information**

Application	WB, IHC
Primary Accession	Q13797
Reactivity	Rat
Clonality	Monoclonal
Other Names	
Alpha RLC; ITGA4L; ITGA9; RLC;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	114489 Da

Integrin alpha 9 Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Integrin alpha 9
Description	Integrin alpha-9/beta-1 is a receptor for VCAM1, cytotactin and osteopontin. It recognizes the sequence A-E-I-D-G-I-E-L in cytotactin.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Integrin alpha 9 Antibody - Protein Information**Name** ITGA9**Function**

Integrin alpha-9/beta-1 (ITGA9:ITGB1) is a receptor for VCAM1, cytotactin and osteopontin. It recognizes the sequence A-E-I-D- G-I-E-L in cytotactin. ITGA9:ITGB1 may play a crucial role in SVEP1/polydom-mediated myoblast cell adhesion (By similarity). Integrin ITGA9:ITGB1 represses PRKCA-mediated L-type voltage-gated channel Ca(2+) influx and ROCK-mediated calcium sensitivity in vascular smooth muscle cells via its interaction with SVEP1, thereby inhibiting vasocontraction (PubMed:35802072).

Cellular Location

Membrane; Single-pass type I membrane protein

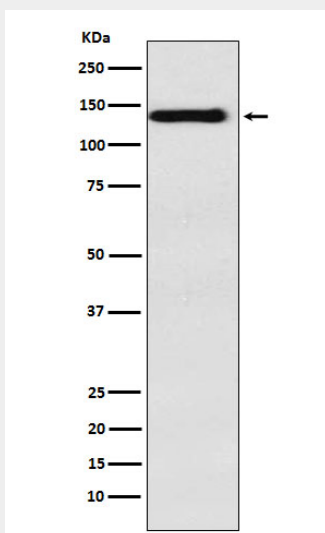
Tissue Location

Expressed in vascular smooth muscle cells (at protein level) (PubMed:35802072). Expressed in the airway epithelium (at protein level) (PubMed:8245132).

Integrin alpha 9 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](#)

Integrin alpha 9 Antibody - Images

Western blot analysis of Integrin alpha 9 expression in HepG2 cell lysate.