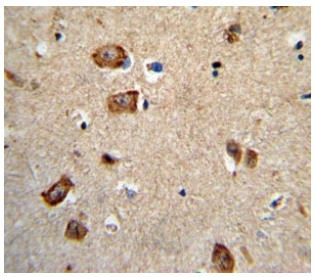
Integrin alpha 1 Antibody (F51365)

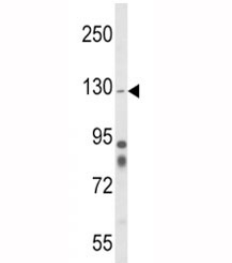
Catalog No.	Formulation	Size
F51365-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51365-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P56199
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50
Limitations	This Integrin alpha 1 antibody is available for research use only.



IHC analysis of FFPE human brain tissue stained with Integrin alpha 1 antibody



Western blot analysis of Integrin alpha 1 antibody and mouse cerebellum tissue lysate.
Predicted molecular weight: ~131/150+ kDa (unmodified/glycosylated).

Description

ITGA1 is the alpha 1 subunit of integrin receptors. This protein heterodimerizes with the beta 1 subunit to form a cell-surface receptor for collagen and laminin. The heterodimeric receptor is involved in cell-cell adhesion and may play a role in inflammation and fibrosis. The alpha 1 subunit contains an inserted (I) von Willebrand factor type I domain which is thought to be involved in collagen binding.

Application Notes

Titration of the Integrin alpha 1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 727-755 from the human protein was used as the immunogen for this Integrin alpha 1 antibody.

Storage

Aliquot the Integrin alpha 1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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