

ITGA2 Polyclonal Antibody

Catalog No: #30989



Package Size: #30989-1 50ul #30989-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

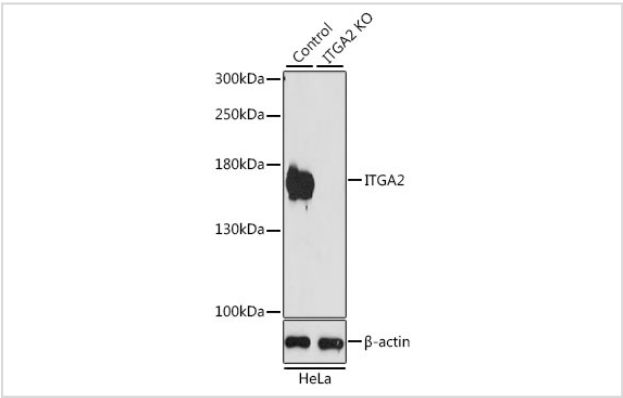
Description

Product Name	ITGA2 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant protein of human ITGA2
Other Names	ITGA2; BR; CD49B; GPIa; HPA-5; VLA-2; VLAA2; integrin alpha-2
Accession No.	Swiss-Prot#:P17301NCBI Gene ID:3673
Uniprot	P17301
GeneID	3673;
Calculated MW	150kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

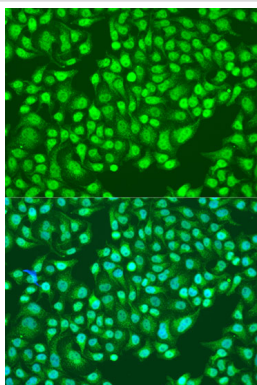
Application Details

WB 1:500 - 1:2000IHC 1:100 - 1:200IF 1:50 - 1:200

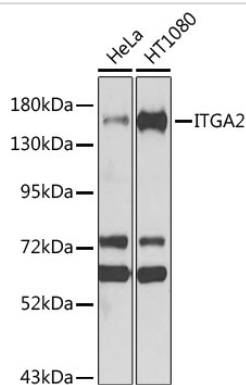
Images



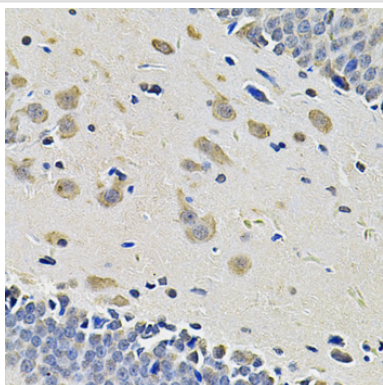
Western blot analysis of extracts from normal (control) and ITGA2 knockout (KO) HeLa cells, using ITGA2 at 1:1000 dilution.



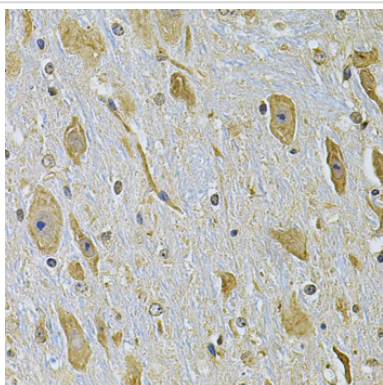
Immunofluorescence analysis of U2OS cells using ITGA2 at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using ITGA2 at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded rat brain using ITGA2 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using ITGA2 at dilution of 1:100 (40x lens).

Background

This gene encodes the alpha subunit of a transmembrane receptor for collagens and related proteins. The encoded protein forms a heterodimer with a beta subunit and mediates the adhesion of platelets and other cell types to the extracellular matrix. Loss of the encoded protein is associated with bleeding disorder platelet-type 9. Antibodies against this protein are found in several immune disorders, including neonatal alloimmune thrombocytopenia. This gene is located adjacent to a related alpha subunit gene. Alternative splicing results in multiple transcript variants.

Note: This product is for in vitro research use only