

Product Datasheet

Integrin alpha 9 Antibody NBP2-16972

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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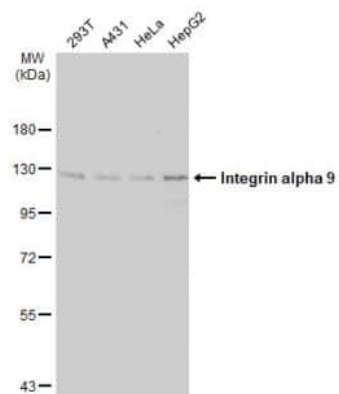
NBP2-16972**Integrin alpha 9 Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	114 kDa
Product Description	
Host	Rabbit
Gene ID	3680
Gene Symbol	ITGA9
Species	Human
Reactivity Notes	Chicken (82%).
Immunogen	Recombinant protein encompassing a sequence within the N-terminus region of human Integrin alpha 9. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500 - 1:3000, Immunohistochemistry 1:100 - 1:1000, Immunocytochemistry/ Immunofluorescence Validated from a verified customer review, Immunohistochemistry-Paraffin 1:100 - 1:1000

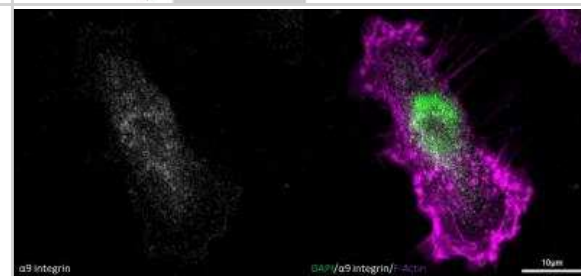


Images

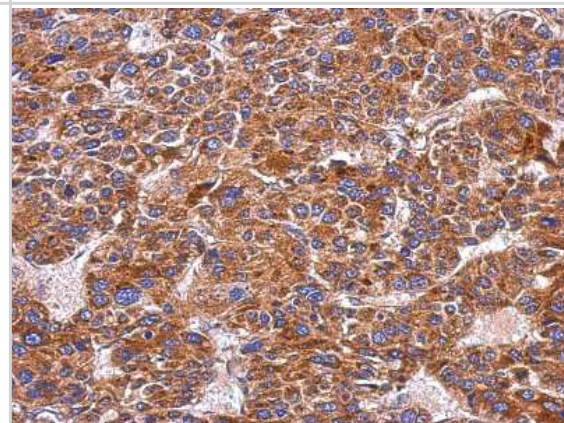
Western Blot: Integrin alpha 9 Antibody [NBP2-16972] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Integrin alpha 9 antibody [N1N2], N-term diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Immunocytochemistry/Immunofluorescence: Integrin alpha 9 Antibody [NBP2-16972] - Cultured human keratinocytes plated on fibronectin coated coverslips. Anti integrin alpha 9 antibody diluted 1:50 in 5% BSA, incubated at room temperature for 3 hours. Nuclei stained with DAPI (green) and f-actin with phalloidin (purple). ICC/IF image submitted by a verified customer review.



Immunohistochemistry-Paraffin: Integrin alpha 9 Antibody [NBP2-16972] - Human hepatoma, using Integrin alpha 9 antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based) buffer, 15min



Publications

Hight-Warburton W, Felix R, Burton A et al. ?4/?9 Integrins Coordinate Epithelial Cell Migration Through Local Suppression of MAP Kinase Signaling Pathways *Frontiers in Cell and Developmental Biology* 2021-11-25 [PMID: 34900996] (Western Blot, Block/Neutralize, Immunocytochemistry/ Immunofluorescence)

Vehlow A, Cordes N Growth factor receptor and beta-1 integrin signaling differentially regulate basal clonogenicity and radiation survival of fibroblasts via a modulation of cell cycling *In vitro cellular & developmental biology. Animal* 2022-02-22 [PMID: 35194763] (WB)



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Products Related to NBP2-16972

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00003680-Q01-10ug	Recombinant Human Integrin alpha 9 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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