

Product Datasheet

integrin beta 4 binding protein Antibody - BSA Free NBP2-13954

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-13954

integrin beta 4 binding protein Antibody - BSA Free

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	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

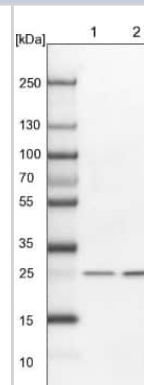
Host	Rabbit
Gene ID	3692
Gene Symbol	EIF6
Species	Human, Mouse, Rat
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 27119753).
Immunogen	This antibody was developed against a recombinant protein corresponding to the amino acids: LSALGNVTTTCNDYVALVHPDLDTREEILADV LKVEVFRQTVADQVLVGSYCVF SNQGGVLVHPKTSIEDQDELSLLQVP

Product Application Details

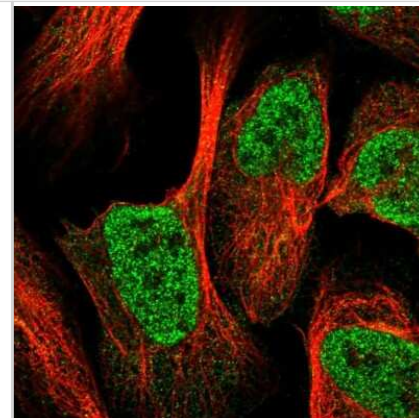
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation/Permeabilization: PFA/Triton X-100.

Images

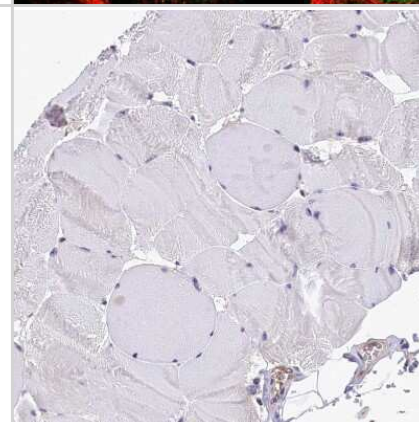
Western Blot: integrin beta 4 binding protein Antibody [NBP2-13954] -
Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2:
NBT-II cell lysate (Rat Wistar bladder tumor cells).



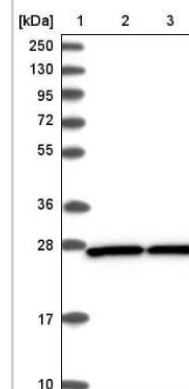
Immunocytochemistry/Immunofluorescence: integrin beta 4 binding protein Antibody [NBP2-13954] - Immunofluorescent staining of human cell line U-2 OS shows localization to nucleoplasm.



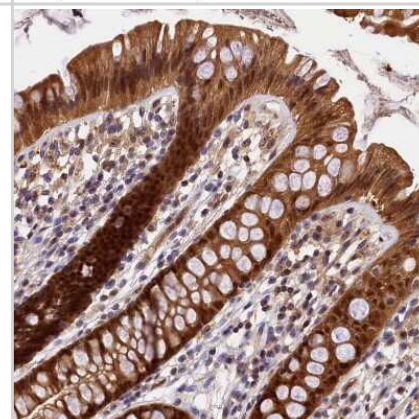
Immunohistochemistry-Paraffin: integrin beta 4 binding protein Antibody [NBP2-13954] - Staining of human Skeletal muscle shows very weak cytoplasmic positivity in myocytes.



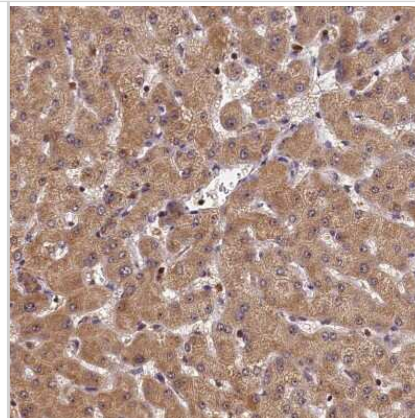
Western Blot: integrin beta 4 binding protein Antibody [NBP2-13954] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



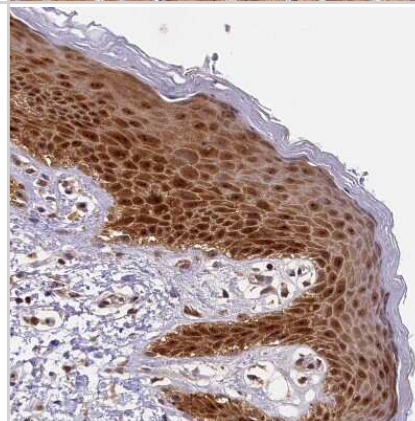
Immunohistochemistry-Paraffin: integrin beta 4 binding protein Antibody [NBP2-13954] - Staining of human Colon shows strong nuclear and cytoplasmic positivity in glandular cells.



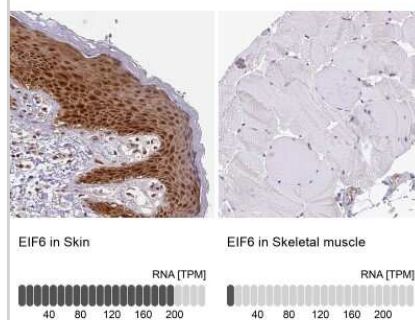
Immunohistochemistry-Paraffin: integrin beta 4 binding protein Antibody [NBP2-13954] - Staining of human Liver shows strong cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: integrin beta 4 binding protein Antibody [NBP2-13954] - Staining of human Skin shows strong nuclear and cytoplasmic positivity in squamous epithelial cells.



Immunohistochemistry-Paraffin: integrin beta 4 binding protein Antibody [NBP2-13954] - Analysis in human skin and skeletal muscle tissues using NBP2-13954 antibody. Corresponding EIF6 RNA-seq data are presented for the same tissues.



Publications

Li J, Luco AL, Ochietti B et al. Tumoral Vitamin D Synthesis by CYP27B1 1-alpha-Hydroxylase Delays Mammary Tumor Progression in the PyMT-MMTV Mouse Model and Its Action Involves NF-kB Modulation. *Endocrinology*. 2016 -04-27 [PMID: 27119753] (WB, ICC/IF, Mouse)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-13954

NBP2-13954PEP	integrin beta 4 binding protein Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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