

Product Datasheet

BCAP31 Antibody - BSA Free NBP1-89357

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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NBP1-89357

BCAP31 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

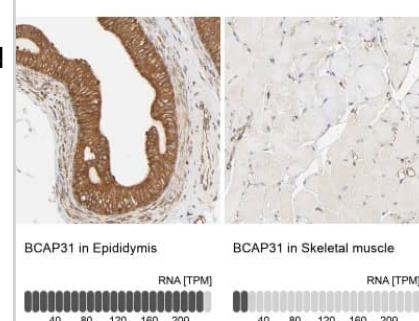
Description	Novus Biologicals Rabbit BCAP31 Antibody - BSA Free (NBP1-89357) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-BCAP31 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10134
Gene Symbol	BCAP31
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ESASEAAKKYMEENDQLKKGAADVGGKLDVGNAEVKLEENRSLKADLQKLK DELASTKQKLEKAENQVLAMRKQSEGTLTKEYDRLEEHAKLQAAVDGP

Product Application Details

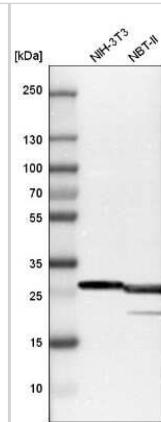
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:5000 - 1:10000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:5000 - 1:10000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: PFA/Triton X-100

Images

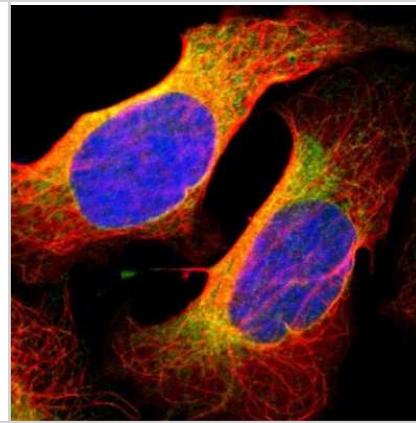
Immunohistochemistry-Paraffin: BCAP31 Antibody [NBP1-89357] - Staining in human epididymis and skeletal muscle tissues using anti-BCAP31 antibody. Corresponding BCAP31 RNA-seq data are presented for the same tissues.



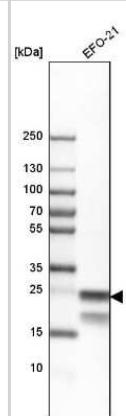
Western Blot: BCAP31 Antibody [NBP1-89357] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



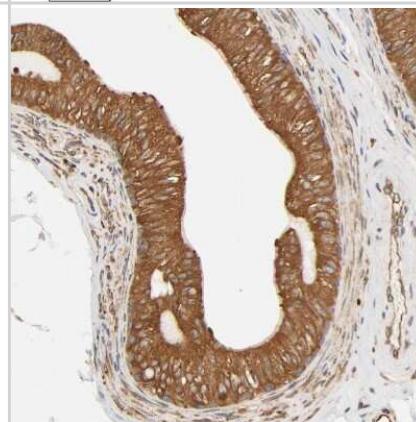
Immunocytochemistry/Immunofluorescence: BCAP31 Antibody [NBP1-89357] - Immunofluorescent staining of human cell line U-2 OS shows localization to endoplasmic reticulum. Antibody staining is shown in green.



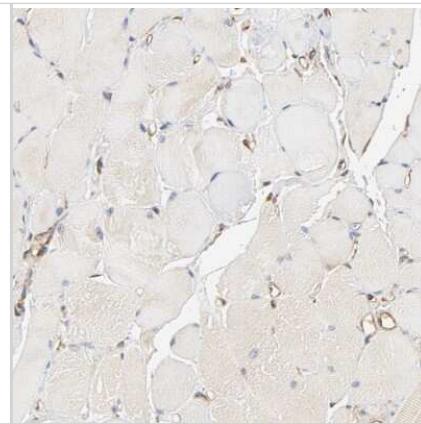
Western Blot: BCAP31 Antibody [NBP1-89357] - Analysis in human cell line EFO-21.



Immunohistochemistry-Paraffin: BCAP31 Antibody [NBP1-89357] - Staining of human epididymis shows high expression.



Immunohistochemistry-Paraffin: BCAP31 Antibody [NBP1-89357] -
Staining of human skeletal muscle shows low expression as expected.



Publications

Kim Y, Kim Y, Kim B et al. A novel BCAP31 variant associated with nonsyndromic auditory neuropathy spectrum disorder: mitochondrial dysfunction, cisplatin sensitivity, and amenability to mitochondrial transplantation. *Journal of translational medicine* 2025-06-04 [PMID: 40462059]

Salsano S, Gonzalez-Martin R, Quinonero A et al. Novel nonclassic progesterone receptor PGRMC1 pulldown-precipitated proteins reveal a key role during human decidualization. *Fertil. Steril.* 2020-05-01 [PMID: 32386616]



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Products Related to NBP1-89357

NBP1-89357PEP	BCAP31 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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