

Product Datasheet

EHBP1 Antibody - BSA Free

NBP1-93614

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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Publications: 1

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Updated 9/9/2025 v.20.1

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NBP1-93614

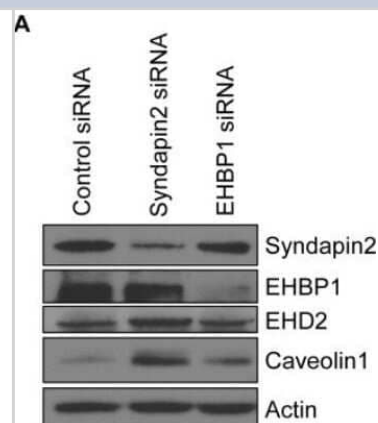
EHBP1 Antibody - BSA Free

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 EHBP1 Antibody - BSA Free (NBP1-93614) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-EHBP1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	23301
Gene Symbol	EHBP1
Species	Human, Mouse
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (84%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MRSAKSASSSEELINKLNFLDEAEKDLATVNSNPFDDPDAAELNPFGLDPDSEE PITETASPRKTEDSFYNNNSYNPFKEVQTPQYLNPFDEPEAFV
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:100-1:500, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20-1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

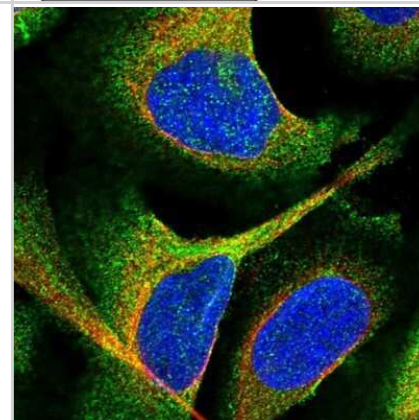


Images

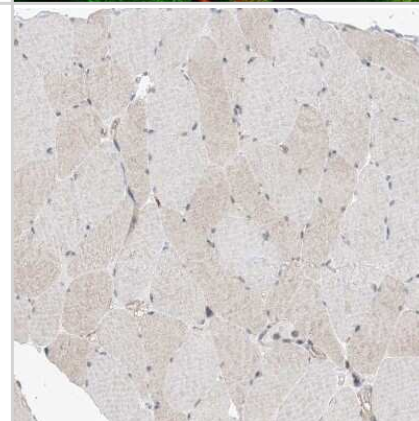
Western Blot: EHBP1 Antibody [NBP1-93614] - EHD2 localizes to the plasma membrane independent of its interaction partners, syndapin2 and EHBP1. HeLa cells were treated with non-targeting control-, syndapin2- or EHBP1-siRNA for 72 h. Cells were then lysed, and equal amounts of proteins were separated by SDS-PAGE and subjected to immunoblotting with antibodies against syndapin2, EHBP1, EHD2, caveolin1 or actin. Image collected and cropped by CiteAb from the following publication (<https://dx.plos.org/10.1371/journal.pone.0074519>), licensed under a CC-BY license.



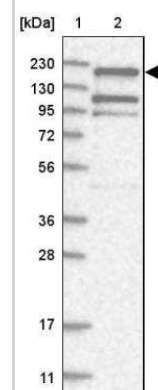
Immunocytochemistry/Immunofluorescence: EHBP1 Antibody [NBP1-93614] - Staining of human cell line U-2 OS shows positivity in cytoplasm. Antibody staining is shown in green.



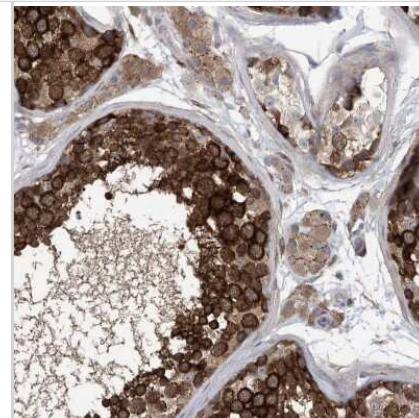
Immunohistochemistry-Paraffin: EHBP1 Antibody [NBP1-93614] - Staining of human skeletal muscle shows negative to very weak cytoplasmic positivity in myocytes.



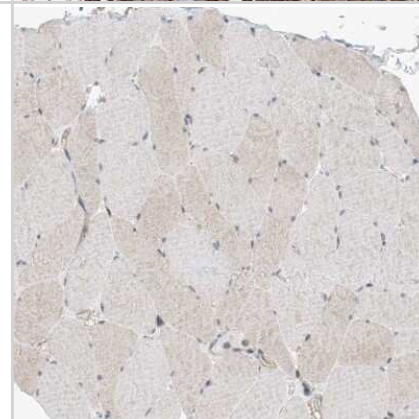
Western Blot: EHBP1 Antibody [NBP1-93614] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-178



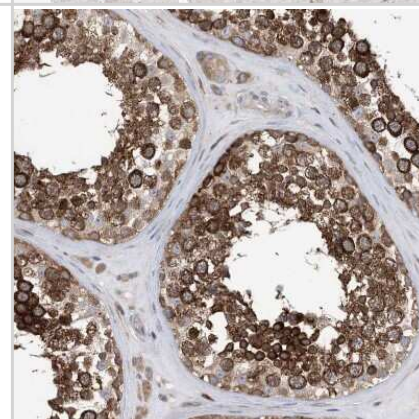
Immunohistochemistry-Paraffin: EHBP1 Antibody [NBP1-93614] - Staining of human testis shows strong cytoplasmic positivity in cells of seminiferous ducts.



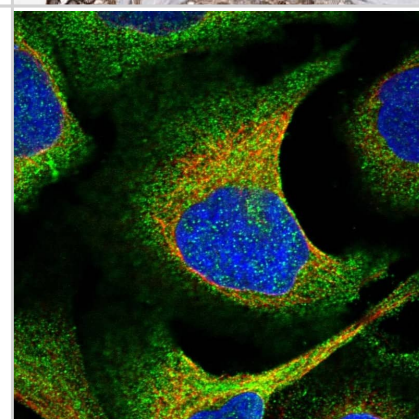
Immunohistochemistry-Paraffin: EHBP1 Antibody [NBP1-93614] - Staining of human skeletal muscle shows low expression as expected.



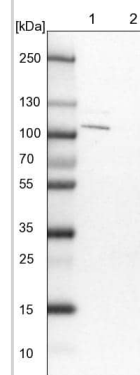
Immunohistochemistry-Paraffin: EHBP1 Antibody [NBP1-93614] - Staining of human testis shows strong cytoplasmic positivity in cells in seminiferous ducts.



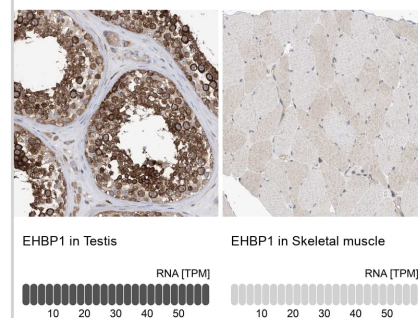
Staining of human cell line U-2 OS shows localization to plasma membrane & cytosol.



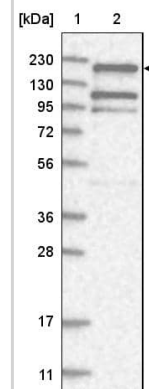
Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells)
Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour cells)



Analysis in human testis and skeletal muscle tissues using NBP1-93614 antibody. Corresponding EHP1 RNA-seq data are presented for the same tissues.



Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11
Lane 2: Human cell line RT-4



Publications

Simone LC, Caplan S, Naslavsky N. Role of Phosphatidylinositol 4,5-Bisphosphate in Regulating EHD2 Plasma Membrane Localization. PLoS One. 2013-09-10 [PMID: 24040268] (WB, Human)



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Products Related to NBP1-93614

NBP1-93614PEP	EHBP1 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

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