

Product Datasheet

ELF2 Antibody - BSA Free NBP1-84770

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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NBP1-84770

ELF2 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

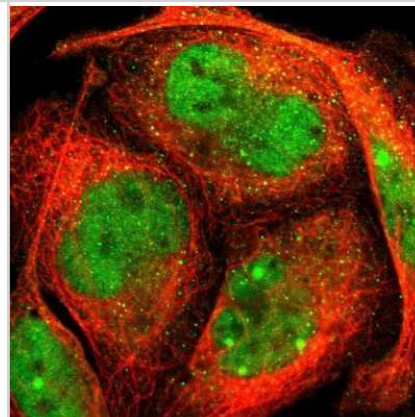
Product Description	
Description	Novus Biologicals Rabbit ELF2 Antibody - BSA Free (NBP1-84770) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-ELF2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1998
Gene Symbol	ELF2
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MTSAVVDSGGTILELSSNGVENQEESEK VSEYPAVIVEPVPSARLEQGYAAQV LVYDDETYMMQDVAEEQE VETENVETVEASVHSSNAHCTDKTIEAAEALLHME SPTCLRDSRSPEFIHAAMRPDVITETVVEVSTEESEP

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

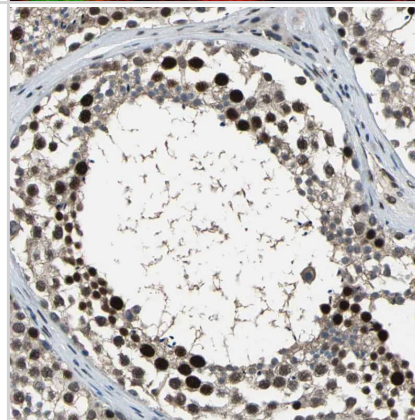


Images

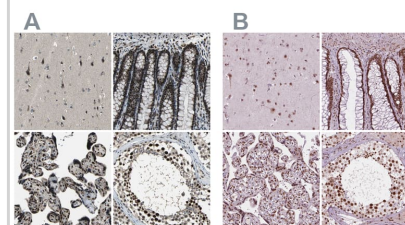
Immunocytochemistry/Immunofluorescence: ELF2 Antibody [NBP1-84770] - Staining of human cell line U-2 OS shows localization to nucleoplasm, nuclear bodies & cytosol.



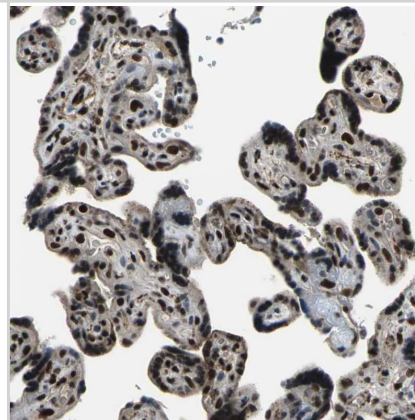
Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



Staining of human cerebral cortex, gastrointestinal, placenta and testis using Anti-ELF2 antibody HPA006057 (A) shows similar protein distribution across tissues to independent antibody HPA071166 (B).



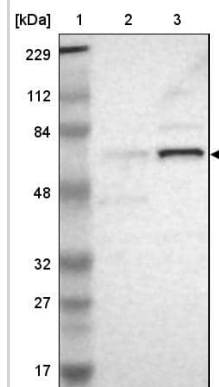
Staining of human placenta shows strong nuclear positivity in trophoblastic cells.



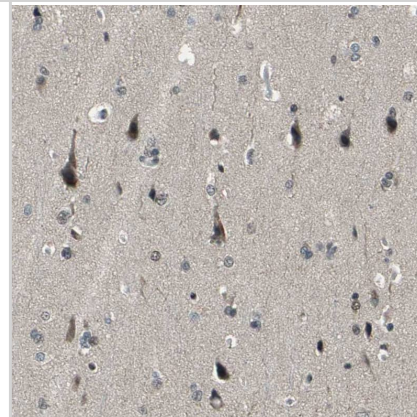
Lane 1: Marker [kDa] 229, 112, 84, 48, 32, 27, 17

Lane 2: Human cell line RT-4

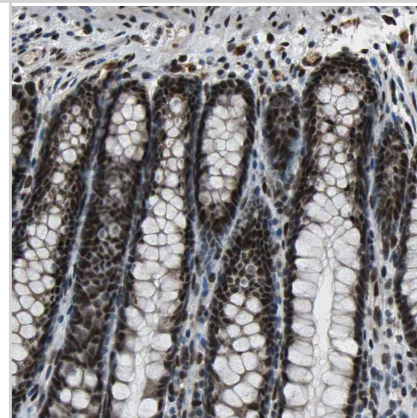
Lane 3: Human cell line U-251MG sp



Staining of human cerebral cortex shows strong nuclear positivity in neurons.

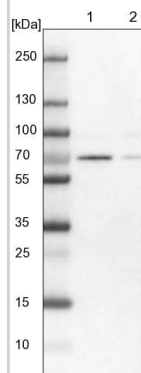


Staining of human rectum shows strong nuclear positivity in glandular cells.

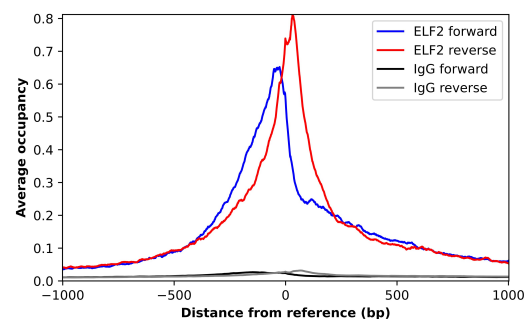


Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells)

Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour cells)



ChIP-Exo-Seq composite graph for Anti-ELF2 (NBP1-84770) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.



Publications

Fausther M, Lavoie EG, Goree JR, Dranoff JA. An Elf2-like transcription factor acts as repressor of the mouse ecto-5'-nucleotidase gene expression in hepatic myofibroblasts *Purinergic Signal*. 2017-06-30 [PMID: 28667437] (Mouse)



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Products Related to NBP1-84770

NBP1-84770PEP	ELF2 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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