

Product Datasheet

EHD4 Antibody - BSA Free

NBP1-54873

Unit Size: 100 ul

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

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NBP1-54873

EHD4 Antibody - BSA Free

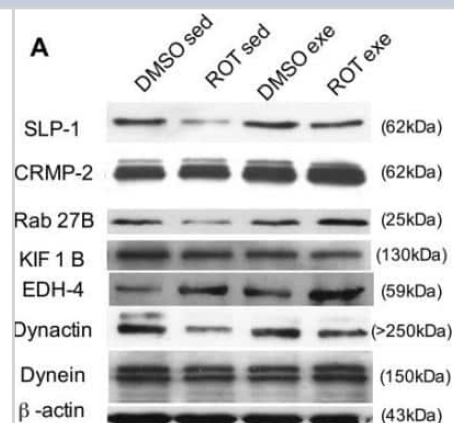
Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	61 kDa

Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	30844
Gene Symbol	EHD4
Species	Human, Rat
Reactivity Notes	Use in Rat reported in scientific literature (PMID:30135925).
Immunogen	Synthetic peptides corresponding to EHD4(EH-domain containing 4) The peptide sequence was selected from the middle region of EHD4. Peptide sequence LMNLISQEETSTPTQLVQGGAFDGTTEGPFNQGYGEGAKEGADEEEWVVA. The peptide sequence for this immunogen was taken from within the described region.

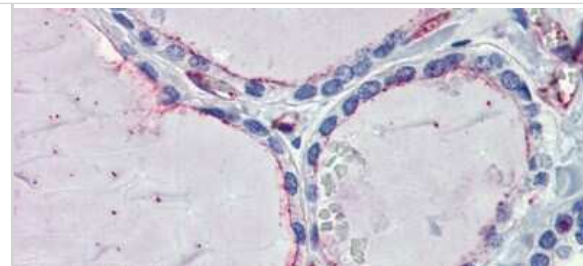
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500

Images

Western Blot: EHD4 Antibody [NBP1-54873] - Trafficking proteins levels in hippocampus of 11 months old rats exposed to rotenone (ROT, 1 mg/kg/day) or DMSO (control), during 8 weeks, and exercised during 6 weeks (EXE) or left sedentary (SED). Representative images of immunoblot bands corresponding to SLP-1, Rab27B, CRPM-2, KIF1B, EDH-4, Dynactin, Dynein and beta-actin. Image collected and cropped by CiteAb from the following publication (<https://linkinghub.elsevier.com/retrieve/pii/S2451830116300036>) licensed under a CC-BY license.



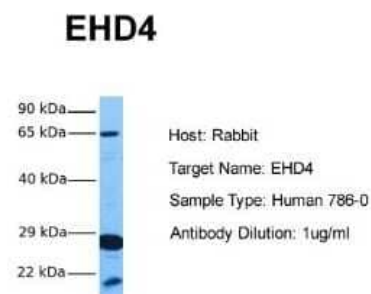
Immunohistochemistry: EHD4 Antibody [NBP1-54873] - Human Thyroid lysate tissue at an antibody concentration of 5.0 ug/ml using anti-EHD4 antibody



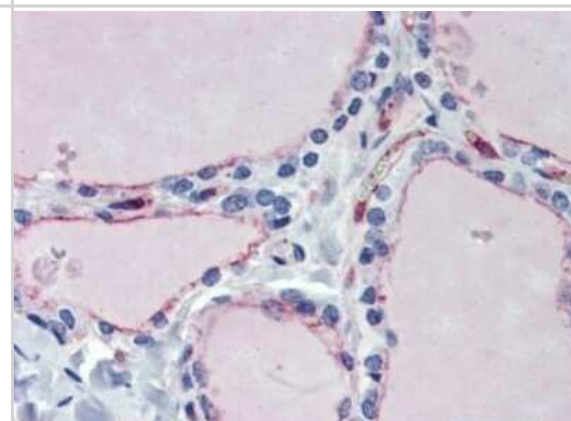
Western Blot: EHD4 Antibody [NBP1-54873] - Recommended Titration: 1 ug/ml Positive Control: Fetal Lung cell lysate



Western Blot: EHD4 Antibody [NBP1-54873] - Sample Tissue: Human 786-0 Antibody Dilution: 1.0 ug/ml



Immunohistochemistry: EHD4 Antibody [NBP1-54873] - Staining of human Thyroid.



Publications

Almeida M F, Chaves R S et al. BDNF trafficking and signaling impairment during early neurodegeneration is prevented by moderate physical activity. IBRO Rep 2016-01-12 [PMID: 30135925] (WB, Rat)



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 NBP1-54873

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00030844-P01-10ug	Recombinant Human EHD4 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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