

Product Datasheet

EDNRB/Endothelin R Type B Antibody - Azide and BSA Free NBP1-30599

Unit Size: 0.5 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 5

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-30599

Updated 9/9/2025 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-30599



NBP1-30599**EDNRB/Endothelin R Type B Antibody - Azide and BSA Free**

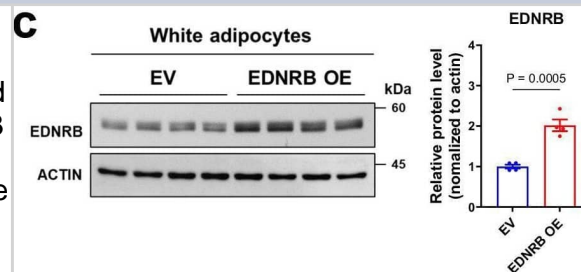
Product Information	
Unit Size	0.5 mg
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute 0.5 mg size in 0.5 ml of sterile water. Centrifuge to remove any insoluble material. Glycerol may be added (1:1) for additional stability. Please note the 0.1 mg size is provided in reconstituted format.
Isotype	IgG
Purity	Ammonium sulfate precipitation
Buffer	Sterilized water

Product Description	
Description	Novus Biologicals Rabbit EDNRB/Endothelin R Type B Antibody - Azide and BSA Free (NBP1-30599) is a polyclonal antibody validated for use in IHC and WB. Anti-EDNRB/Endothelin R Type B Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1910
Gene Symbol	EDNRB
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide from the c-terminal of human EDNRB/Endothelin R Type B conjugated to an immunogenic carrier protein was used as the immunogen. The peptide is homologous in rat and mouse.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 10-50 ug/ml, Immunohistochemistry 10-50 ug/ml, Immunohistochemistry-Paraffin 10-50 ug/ml
Application Notes	WB. A concentration of 10-50 ug/ml is recommended. The optimal concentration should be determined by the end user. Although not confirmed, this antibody may be useful in IHC-Paraffin/Frozen. Use in Immunohistochemistry-Paraffin reported in scientific literature (PMID 25572612) The sample size is shipped in liquid form.

Images

EDNRB overexpression promotes thermogenic differentiation of human white adipocytes in vitro. a Schematic of EDNRB gene activation using CRISPR-SAM system. b–g Human white preadipocytes were transfected with the CRISPR-SAM system and either empty vector (EV) or sgRNA#3 targeting EDNRB (EDNRB OE) and were differentiated to mature adipocytes. b Relative EDNRB and EDNRA mRNA levels in human white adipocytes. n = 3 biological replicates/group. c Relative EDNRB protein levels in human white adipocytes. n = 4 biological replicates/group. d Relative mRNA expressions in adipogenic and thermogenic genes in human white adipocytes. n = 3 biological replicates/group. e Fatty acid-dependent oxygen consumption rate (OCR) in human white adipocytes. Quantification of maximal OCR in the right panel. EV: n = 3, EDNRB OE: n = 4, EV-ETO: n = 4, EDNRB OE-ETO: n = 3 biological replicates. Pal, palmitate-BSA. OA, oligomycin A. AA, antimycin A. ETO, etomoxir. f Forskolin (FSK)-stimulated OCR in human white adipocytes. n = 5 biological replicates/group. g Thermogenesis capacity monitored by ERthermAC dye in human white adipocytes. Area above the curve (AAC) of thermogenesis in the right panel. EV: n = 21 cells, EDNRB OE: n = 22 cells. Data are presented as mean \pm SEM. P values were determined using unpaired two-tailed t tests: (b–g). Source data are provided as a Source Data file. Panel (a) was created with BioRender.com released under a Creative Commons Attribution-NonCommercial-NoDerivs 4.0 International license. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/39174539>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Tummala S, Kuczmarski AV, Del Vecchio AR et al. Antecubital Venous Endothelial ETB Receptor Protein Expression is Preserved with Aging in Men American journal of physiology. Heart and circulatory physiology 2023-11-03 [PMID: 37921661]

Kuczmarski AV Role of the Endothelin System in Vascular Dysfunction in Women Thesis 2021-01-01

Kuczmarski AV, Shoemaker LN, Hobson JC et al. Altered endothelial ETB receptor expression in postmenopausal women Am. J. Physiol. Heart Circ. Physiol. 2020-06-19 [PMID: 32559137]

Park K, Mima A, Li Q et al. Insulin decreases atherosclerosis by inducing endothelin receptor B expression. JCI Insight. 2016-05-05 [PMID: 27200419] (WB, Mouse)

Cook N, Brais R, Qian W et al. Endothelin-1 and endothelin B receptor expression in pancreatic adenocarcinoma J. Clin. Pathol. 2015-01-08 [PMID: 25572612] (IHC-P, Human)

Details:

EDNRA/Endothelin R Type A antibody used at 1:300 dilution for IHC-P on sections acquired from human pancreatic adenocarcinoma / PAC and non-cancer human pancreas samples.



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 NBP1-30599

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-30599

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

