

Product Datasheet

Tryptophan Hydroxylase 1/TPH-1 Antibody - Azide Free NB300-176

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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technical@novusbio.com

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NB300-176**Tryptophan Hydroxylase 1/TPH-1 Antibody - Azide Free**

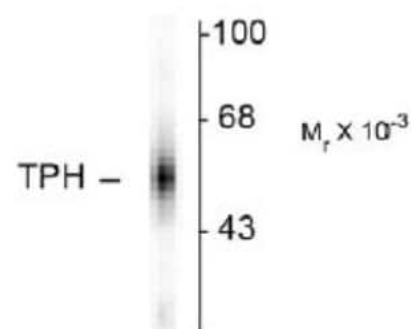
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
Target Molecular Weight	55 kDa

Product Description	
Host	Sheep
Gene ID	7166
Gene Symbol	TPH1
Species	Human, Mouse, Rat, Rabbit (Negative)
Reactivity Notes	Reactivity assumed based on sequence identity to a wide variety of mammalian species. Mouse reactivity reported in scientific literature (PMID: 28456683).
Specificity/Sensitivity	Specific for endogenous levels of the ~55 kDa Tryptophan Hydroxylase 1/TPH-1 protein.
Immunogen	Recombinant rabbit tryptophan hydroxylase, isolated as inclusion bodies from E. coli and purified by preparative SDS-PAGE. Accession # P17290

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Frozen 1:1000

Images

Western Blot: Tryptophan Hydroxylase 1/TPH-1 Antibody [NB300-176] - Western blot of human dorsal Raphe nucleus showing specific immunolabeling of the ~55k tryptophan hydroxylase protein.

Anti-Tryptophan Hydroxylase

Publications

Qu C, Yuan ZW, Yu XT et al. Patchouli alcohol ameliorates dextran sodium sulfate-induced experimental colitis and suppresses tryptophan catabolism. *Pharmacol. Res.* 2017-04-26 [PMID: 28456683] (WB, Mouse)

Haycock JW, Kumer SC, Lewis DA, Vrana KE, Stockmeier CA. A monoclonal antibody to tryptophan hydroxylase: applications and identification of the epitope. *J. Neurosci. Methods.* 114(2):205-12. 2002-01-01 [PMID: 11856572]





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 NB300-176

HAF016	Donkey anti-Sheep IgG Secondary Antibody [HRP]
NL010	Donkey anti-Sheep IgG Secondary Antibody [NL557]
NBP1-97055-10mg	Sheep IgG Isotype Control
H00007166-P01-10ug	Recombinant Human Tryptophan Hydroxylase 1/TPH-1 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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