

# Product Datasheet

## Tryptophan Hydroxylase 1/TPH-1 [p Ser58] Antibody - Azide Free NB300-260

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB300-260](http://www.novusbio.com/NB300-260)

Updated 2/21/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NB300-260](http://www.novusbio.com/reviews/destination/NB300-260)



**NB300-260****Tryptophan Hydroxylase 1/TPH-1 [p Ser58] Antibody - Azide Free**

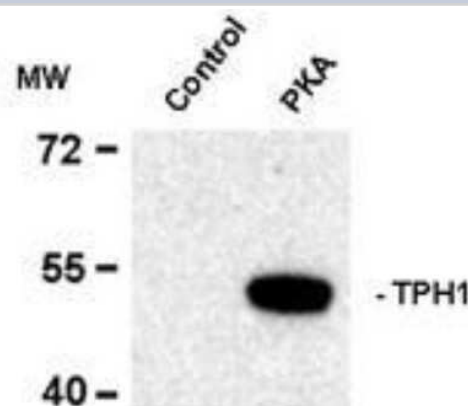
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	10mM HEPES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

Product Description	
Host	Rabbit
Gene ID	7166
Gene Symbol	TPH1
Species	Mouse, Rabbit
Specificity/Sensitivity	Specific for endogenous levels of the ~55 kDa Tryptophan Hydroxylase 1/TPH-1 protein phosphorylated at Ser58.
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser58 conjugated to KLH. Accession # P09810

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:1000
Application Notes	Antibody dilutions and tissue load should be based on tissue type and expected phosphorylation state expression levels.

**Images**

Western Blot: Tryptophan Hydroxylase 1 [p Ser58] Antibody [NB300-260]  
 - Recombinant tryptophan hydroxylase incubated in the absence (Control) and presence of cAMP-dependent protein kinase (PKA) showing specific immunolabeling of the ~53k tryptophan hydroxylase protein phosphorylated at Ser58.





### **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 NB300-260**

---

NBL1-17216	Tryptophan Hydroxylase 1/TPH-1 Overexpression Lysate
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](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NB300-260](http://www.novusbio.com/reviews/submit/NB300-260)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

