

# Product Datasheet

## Tryptophan Hydroxylase 1/TPH-1 [p Ser260] Antibody - Azide Free NB300-307

Unit Size: 0.1 ml

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

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**NB300-307****Tryptophan Hydroxylase 1/TPH-1 [p Ser260] Antibody - Azide Free**

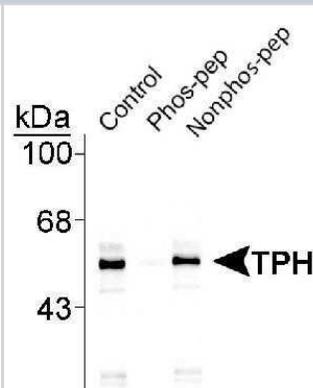
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	10mM HEPES (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	Human, Rat
Specificity/Sensitivity	Specific for the ~55 kDa tryptophan hydroxylase protein phosphorylated at Ser260.
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser260 conjugated to KLH. Accession # P09810

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:1000
Application Notes	This antibody has been tested in Western blot in human dorsal Raphe nucleus, detecting a band ~55 kDa.

**Images**

Western Blot: Tryptophan Hydroxylase 1 [p Ser260] Antibody [NB300-307] - Rat brainstem lysate showing specific immunolabeling of the ~55k TPH phosphorylated at Ser260. The labeling by Anti-Ser260TPH is specifically blocked by the Ser260 phosphopeptide (Phos-pep) used as antigen. The corresponding nonphosphopeptide (Nonphos-pep) did not block the immunolabeling.





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### **Products Related to NB300-307**

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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

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### **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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