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PRODUCT DATASHEET

Anti-Tryptophan Hydroxylase (Ser19) Antibody

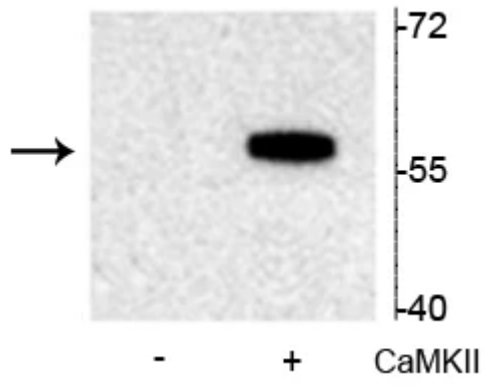
phosphosolutions ANTIBODIES THAT WORK Pooled Serum

Product Details

Available Variants	100 µL (SKU:p1575-19) 25 µL (SKU:p1575-19t)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	TPH2
Host Species	Rabbit
Format	Antigen Affinity Purified from Pooled Serum
Physical State	Liquid
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.
Production Notes	Prepared from pooled rabbit serum by affinity purification via sequential chromatography on phospho and non-phosphopeptide affinity columns.
Applications	ELISA, WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Rat
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser19 of rat tryptophan hydroxylase 2 (TPH2), conjugated to keyhole limpet hemocyanin (KLH).
Specificity	Specific for endogenous levels of the ~55 kDa tryptophan hydroxylase protein phosphorylated at Ser19 .
Molecular Weight	55 kDa
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
Antibody Registry ID	AB_2492272
UniProt ID	Q8CGU9
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Expected Reactivity	Bovine, Zebrafish
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Ser19
NCBI Gene ID	317675

Product Images



Western blot of recombinant tryptophan hydroxylase incubated in the absence (-) and presence (+) of Ca2+/calmodulin dependent kinase II showing specific immunolabeling of the ~55 kDa tryptophan hydroxylase protein phosphorylated at Ser19.