

TPH1 (phospho Ser260) Polyclonal Antibody

Catalog No: #13472

Package Size: #13472-1 50ul #13472-2 100ul

Description

Product Name	TPH1 (phospho Ser260) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-TPH1 (S260) Polyclonal Antibody detects endogenous levels of TPH1 protein only when phosphorylated at S260.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human Tryptophan Hydroxylase around the phosphorylation site of Ser260. AA range:231-280
Conjugates	Unconjugated
Other Names	TPH1; TPH; TPRH; TRPH; Tryptophan 5-hydroxylase 1; Tryptophan 5-monoxygenase 1
Accession No.	Swiss Prot:P17752GeneID:7166
SDS-PAGE MW	55
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

Background

tryptophan hydroxylase 1(TPH1) Homo sapiens This gene encodes a member of the aromatic amino acid hydroxylase family. The encoded protein catalyzes the first and rate limiting step in the biosynthesis of serotonin, an important hormone and neurotransmitter. Mutations in this gene have been associated with an elevated risk for a variety of diseases and disorders, including schizophrenia, somatic anxiety, anger-related traits, bipolar disorder, suicidal behavior, addictions, and others.[provided by RefSeq, Apr 2009],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.