Tryptophan Hydroxylase Rabbit pAb

db3640 **Package : 20μL 50μL 100μL**

Product Name : Tryptophan Hydroxylase Rabbit pAb
Cat.No.: db3640
Synonyms : TPRH; TRPH
Application : WB, IHC, ICC/IF, FC, IP
Reactivity : Human, Mouse, Rat
Host species : Rabbit

Background	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]
Immunogen	A synthetic peptide of human Tryptophan Hydroxylase
Gene ID	7166
Swiss Prot	P17752
Synonyms	TPRH; TRPH
Reactivity	Human, Mouse, Rat
Application	WB, IHC, ICC/IF, FC, IP
Recommended dilution	WB: 1:1000 IHC: 1:20 ICC/IF: 1:20-1:100 FC: 1:20 IP: 1:20
Calculated MW	51 kDa
Observed MW	51 kDa
Host species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity	Affinity Purification

Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.