

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.