

Anti-TPH1/Tph Rabbit Monoclonal Antibody

Catalog # ABO13392

Product Information

Application	WB, IHC, IP
Primary Accession	P17752
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-TPH1/Tph Rabbit Monoclonal Antibody . Tested in WB, IHC, IP applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	7166
Other Names	Tryptophan 5-hydroxylase 1, 1.14.16.4, Tryptophan 5-monooxygenase 1, TPH1, TPH, TPRH, TRPH
Calculated MW	50985
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 IP 1:50
Tissue Specificity	Isoform 2 seems to be less widely expressed than isoform 1.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: EDH-20
Immunogen	A synthesized peptide derived from human TPH1
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	TPH1
Synonyms	TPH, TPRH, TRPH

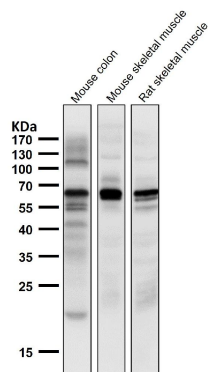
Function

Oxidizes L-tryptophan to 5-hydroxy-L-tryptophan in the rate- determining step of serotonin biosynthesis.

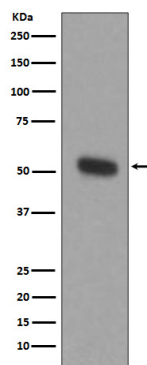
Tissue Location

[Isoform 2]: Seems to be less widely expressed than isoform 1.

Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Western blot analysis of TPH1 expression in THP-1 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.