

Datasheet for ABIN7008760
anti-Tryptophan Hydroxylase 2 antibody[Go to Product page](#)

1 Image

Overview

Quantity:	60 µL
Target:	Tryptophan Hydroxylase 2 (TPH2)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tryptophan Hydroxylase 2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic peptide of human TPH2 (NP_775489.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	Tryptophan Hydroxylase 2 (TPH2)
Alternative Name:	TPH2 (TPH2 Products)
Background:	This gene encodes a member of the pterin-dependent aromatic 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 may be associated with psychiatric diseases such as bipolar affective disorder and major depression.

Target Details

Molecular Weight:	Observed_MW: 54-56 kDa
	Calculated_MW: 56 kDa
Gene ID:	121278
UniProt:	Q8IWU9

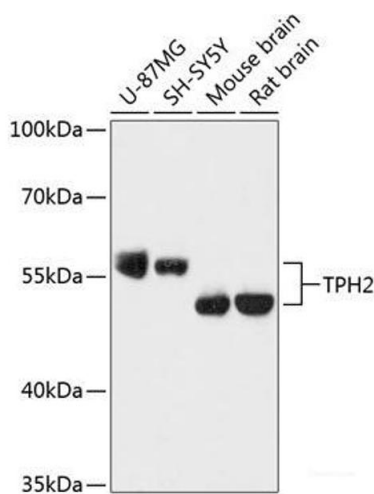
Application Details

Application Notes:	WB 1:500-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines using TPH2 Polyclonal Antibody at dilution of 1:3000.