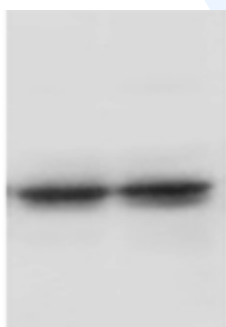




Mouse monoclonal antibody to Tryptophan Hydroxylase [Try-63]: IgG

Catalogue No.:	M-1155-100
Description:	Tryptophan Hydroxylase (TPH) belongs to the bipterin-dependent aromatic amino acid hydroxylase family. This enzyme catalyzes the first and rate limiting step in the biosynthesis of serotonin. Mutations in this gene have been implicated in a variety of disorders including depression, aggression and schizophrenia.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Recombinant rabbit Tryptophan Hydroxylase
Clone:	Try-63
Other Names:	Tryptophan 5-hydroxylase 1; Tryptophan 5-monoxygenase 1; TPH1; TPH;
Accession:	P17290 TPH1_RABIT;
Produced in:	Mouse
Purity:	IgG
Applications:	Western Blotting (WB). A concentration of 0.5-1.0 ug/mL is recommended for WB. Rabbit TPH has a predicted length of 444 residues and a MW of 51 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB against the antigen.
Cross-reactivity:	Human; rat; rabbit;
Form:	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3
Reconstitution:	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase



— **116KD** Western blot using mouse monoclonal antibody to Tryptophan
 — **97KD** Hydroxylase (M-1155-100) on rat brain tissue lysate at 1 μg/ml.
 — **58KD** Secondary HRP conjugated goat anti-mouse IgG antibody at 1:3,000.
 — **40KD**
 — **29KD**

FOR RESEARCH USE ONLY