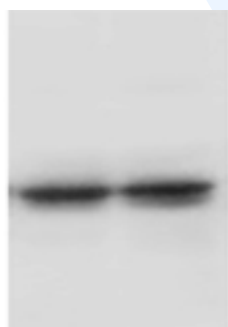


## Mouse monoclonal antibody to Tryptophan Hydroxylase [Try-63]: IgG

<b>Catalogue No.:</b>	M-1155-100
<b>Description:</b>	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.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Recombinant rabbit Tryptophan Hydroxylase
<b>Clone:</b>	Try-63
<b>Other Names:</b>	Tryptophan 5-hydroxylase 1; Tryptophan 5-monoxygenase 1; TPH1; TPH;
<b>Accession:</b>	P17290 TPH1_RABIT;
<b>Produced in:</b>	Mouse
<b>Purity:</b>	IgG
<b>Applications:</b>	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.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB against the antigen.
<b>Cross-reactivity:</b>	Human; rat; rabbit;
<b>Form:</b>	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN <sub>3</sub>
<b>Reconstitution:</b>	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	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.
<b>Expiry Date:</b>	12 months after purchase



— 116KD  
— 97KD  
— 58KD  
— 40KD  
— 29KD

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

FOR RESEARCH USE ONLY