

Anti-Tryptophan Hydroxylase 1/TPH1 antibody



Catalog Number: 106010

Product name

Anti-Tryptophan Hydroxylase 1/TPH1 antibody

Immunogen

[Human Tryptophan Hydroxylase 1/TPH1 \(His Tag\) recombinant protein](#)

Specificity

Human Tryptophan Hydroxylase 1 / TPH1

Antibody description

Rabbit monoclonal to Tryptophan Hydroxylase 1/TPH1

Preparation

This antibody was obtained from a rabbit immunized with purified, recombinant Human Tryptophan Hydroxylase 1 / TPH1 (rh Tryptophan Hydroxylase 1 / TPH1; P17752-1; Ile2-Ile444).

Formulation

0.2 µm filtered solution in PBS

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Monoclonal

Ig Type

Rabbit IgG

Applications

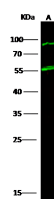
WB, IP

Dilutions

WB: 5-10 µg/ml

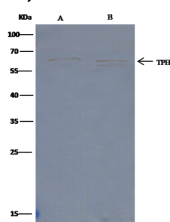
IP: 1-4 uL/mg of lysate

Validations



Items	Lanes	A
Sample (whole cell lysate)		THP1
Sample Volume (µg/lane)		30
Gel		13% SDS-PAGE reducing gel
Recommended Concentration		5-10 µg/ml
Secondary Antibody		Dylight 800 labeled Antibody to Rabbit IgG (H+L) at 1:5000 dilution.
Developed using Odyssey imaging system		
Explanation		Predicted band size : 55 kDa Observed band size : 55 kDa Additional bands at : 90 kDa (We are unsure as to the identity of these extra bands.)

Tryptophan Hydroxylase 1 / TPH1 Antibody, Rabbit MAb, Western blot



Items	Lanes	A	B
Sample (whole cell lysate)		Jurkat	THP-1
Sample quantity		0.5 mg	
IP antibody quantity		2 µg	
Immunomagnetic beads Protein G		60 µg	
Gel		13% SDS-PAGE reducing gel	
Primary antibody		TPH1 antibody at 10 µg/ul	
Secondary antibody		Clean-Block IP Detection Reagent (HRP) at 1:500 dilution	

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