

Datasheet for ABIN948584

anti-Tryptophan Hydroxylase 1 antibody (AA 1-444)



[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	Tryptophan Hydroxylase 1 (TPH1)
Binding Specificity:	AA 1-444
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This Tryptophan Hydroxylase 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human TPH1 protein.
Immunogen:	TPH1 (NP_004170.1, 1 a.a. ~ 444 a.a) full-length human protein.
Sequence:	MIEDNKENKD HSLERGRASL IFSLKNEVGG LIKALKIFQE KHVNLLHIES RSKRRNSEF EIFVDCDINR EQLNDIFHLL KSHTNVLSVN LPDNFTLKED GMETVPWFPK KISDLDHCAN RVLMYGSELD ADHPGFKDNV YRKRKYFAD LAMNYKHGDP IPKVEFTEEE IKTWGTVFQE LNKLYPTHAC REYLKNLPLL SKYCGYREDN IPQLEDVSNF LKERTGFSIR PVAGYLSPRD FLSGLAFRVF HCTQYVRHSS DPFYTPEPDT CHELLGHVPL LAEPSFAQFS QEIGLASLGA SEEAQKLAT CYFFTVEFGL CKQDQQLRVF GAGLLSSISE LKHALSGHAK VKPFDPKITC KQECLITTFQ DVYFVSESEFE DAKEKMREFT KTIKRPFGVK YNPYTRSIQI LKDTKSITSA MNELQHDLDV VSDALAKVSR KPSI
Cross-Reactivity:	Human

Product Details

Characteristics: Antibody reactive against mammalian transfected lysate.

Target Details

Target: Tryptophan Hydroxylase 1 (TPH1)

Alternative Name: TPH1 ([TPH1 Products](#))

Background: Full Gene Name: tryptophan hydroxylase 1
Synonyms: MGC119994,TPH,TPRH

Gene ID: 7166

NCBI Accession: [NM_004179](#)

Pathways: [Feeding Behaviour](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

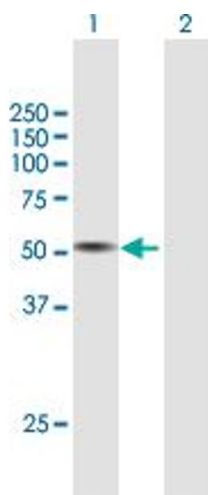
Handling

Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



Western Blotting

Image 1. Western Blot analysis of TPH1 expression in transfected 293T cell line by TPH1 MaxPab polyclonal antibody.

Lane1:TPH1 transfected lysate(48.84 KDa).

Lane2:Non-transfected lysate.