

TPH1 / TPH Antibody (aa26-75)
Rabbit Polyclonal Antibody
Catalog # ALS14728**Specification**

TPH1 / TPH Antibody (aa26-75) - Product Information

Application	WB, IHC-P, IF, E
Primary Accession	P17752
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A IF~~1:50~200 E~~N/A

TPH1 / TPH Antibody (aa26-75) - Additional Information**Gene ID** 7166**Other Names**

Tryptophan 5-hydroxylase 1, 1.14.16.4, Tryptophan 5-monooxygenase 1, TPH1, TPH, TPRH, TRPH

Target/Specificity

Tryptophan Hydroxylase antibody detects endogenous levels of total Tryptophan Hydroxylase protein.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

TPH1 / TPH Antibody (aa26-75) is for research use only and not for use in diagnostic or therapeutic procedures.

TPH1 / TPH Antibody (aa26-75) - Protein Information**Name** TPH1**Synonyms** TPH, TPRH, TRPH**Function**

Oxidizes L-tryptophan to 5-hydroxy-L-tryptophan in the rate- determining step of serotonin biosynthesis.

Tissue Location

[Isoform 2]: Seems to be less widely expressed than isoform 1.

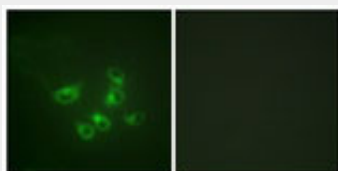
Volume
50 µl

TPH1 / TPH Antibody (aa26-75) - Protocols

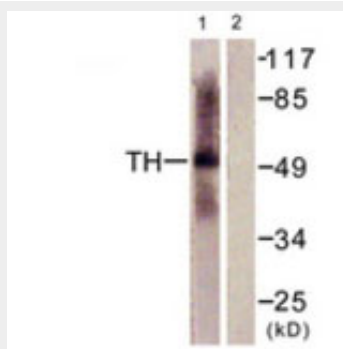
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

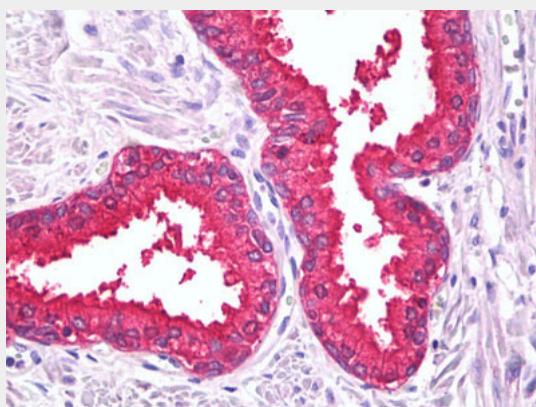
TPH1 / TPH Antibody (aa26-75) - Images



Immunofluorescence of HepG2 cells, using Tryptophan Hydroxylase antibody.



Western blot of extracts from HepG2 cells, using Tryptophan Hydroxylase antibody.



Anti-TPH1 / TPH antibody IHC of human prostate.

TPH1 / TPH Antibody (aa26-75) - References

Boulalard S.,et al.Nucleic Acids Res. 18:4257-4257(1990).
Tipper J.P.,et al.Arch. Biochem. Biophys. 315:445-453(1994).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Wang G.A.,et al.J. Neurochem. 71:1769-1772(1998).
Wang L.,et al.Biochemistry 41:12569-12574(2002).