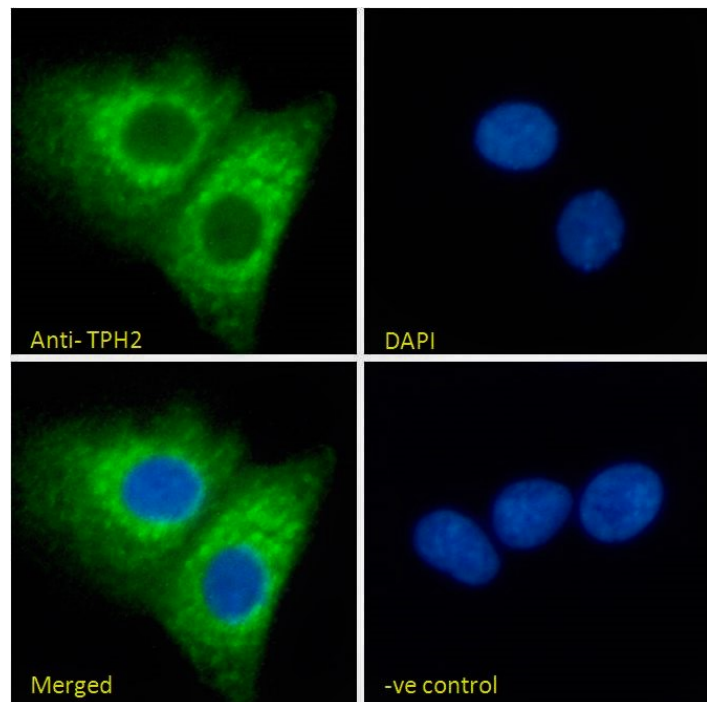


# GOAT ANTI-TRYPTOPHAN HYDROXYLASE 2 / TPH2 ANTIBODY

SKU: EB07050



## SPECIFICATIONS

**Formulation** Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 µg

**Storage Instructions** Aliquot and store at -20°C. Minimize freezing and thawing.

**Synonym / Alias Names** tryptophan 5-monooxygenase 2|MGC138872|MGC138871|ADHD7|neuronal tryptophan hydroxylase|NTPH|FLJ37295|HGNC:20692|tryptophan hydroxylase 2|TPH2

**Usage Summary** **Immunofluorescence:** Strong expression of the protein seen in the cytoplasm of U251 and A549 cells. Recommended concentration: 10µg/ml. **Flow Cytometry:** Flow cytometric analysis of U251 cells. Recommended concentration: 10ug/ml.

**Accession ID** NP\_775489.2

**Blocking Peptide** EBP07050

<b>Immunogen</b>	Peptide with sequence C-NKPNSGKNDDKGNK, from the internal region of the protein sequence according to NP_775489.2.
<b>Peptide Sequence</b>	C-NKPNSGKNDDKGNK
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Dog, Pig, Cow
<b>Reactive Species</b>	Human
<b>Human Gene ID</b>	121278
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png</a>
<b>IHC Results</b>	In paraffin embedded Human Brain Stem shows staining of the cytoplasm of Purkinje cells and of neuron projections. Recommended concentration, 2-4µg/ml.
<b>ELISA</b>	
<b>Detection Limit</b>	Antibody detection limit dilution 1:32000.
<b>Application Type</b>	Pep-ELISA, FC, IF, IHC

## SELECTED REFERENCES

[{"pmid": 27514574, "intro": "**This antibody (previous batch) has been successfully used in IF in Mouse:**", "title": "Mitochondrial Changes and Oxidative Stress in a Mouse Model of Zellweger Syndrome Neuropathogenesis.", "author": "Rani Sadia Rahim, Mo Chen, C. Cathrin Nourse, Adrian C. B. Meedeniya and Denis I. Crane.", "journal": "Neuroscience 334 (2016) 201-213."}, {"pmid": 29187321, "intro": "**This antibody (previous batch) has been successfully used in IF on Mouse:**", "title": "Impaired neurogenesis and associated gliosis in mouse brain with PEX13 deficiency.", "author": "Rahim RS, St John JA, Crane DI, Meedeniya ACB", "journal": "Mol Cell Neurosci. 2018 Apr;88:16-32"}]

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

