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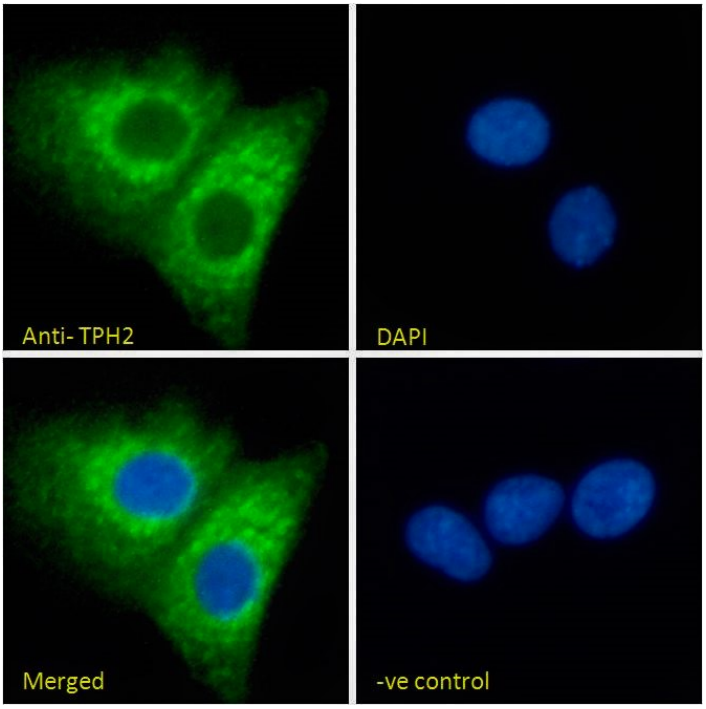
GOAT ANTI-TRYPTOPHAN HYDROXYLASE 2 / TPH2 ANTIBODY

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

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

GALLERY IMAGES

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