

Product Datasheet

TDO2 Antibody NBP2-13424

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-13424

TDO2 Antibody

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	6999
Gene Symbol	TDO2
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 27190010). Rat (87%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EAWLERTPGLEPHGFNFWGKLEKNITRGLEEEFIRIQAKEESEEEKQVA EFQKQKEVLLSLFDEKRHEHLLSKGERRLSYRALQGALM

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1 - 4 ug/ml, Immunohistochemistry-Paraffin 1:500-1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

Publications

Bosnyak E, Kamson DO, Guastella AR et al. Molecular imaging correlates of tryptophan metabolism via the kynurenine pathway in human meningiomas. *Neuro Oncol* 2015-09-01 [PMID: 26092774] (IF/IHC)

Novikov O, Wang Z, Stanford Ea et al. An Aryl Hydrocarbon Receptor-mediated Amplification Loop that Enforces Cell Migration in ER-/PR-/Her2- Human Breast Cancer Cells. *Mol. Pharmacol.* 2016-08-29 [PMID: 27573671] (IHC-P)

Guastella AR, Michelhaugh SK, Klinger NV et al. Tryptophan PET Imaging of the kynurenine Pathway in Patient-Derived Xenograft Models of Glioblastoma. *Mol Imaging.* 2016-05-06 [PMID: 27151136] (IHC-P, Human)

Woodling NS, Colas D, Wang Q et al. Cyclooxygenase inhibition targets neurons to prevent early behavioural decline in Alzheimer's disease model mice. *Brain.* 2016-05-13 [PMID: 27190010] (IF/IHC, Mouse)





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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