

TDO2 antibody

Catalog No: #39164



Package Size: #39164-1 50ul #39164-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

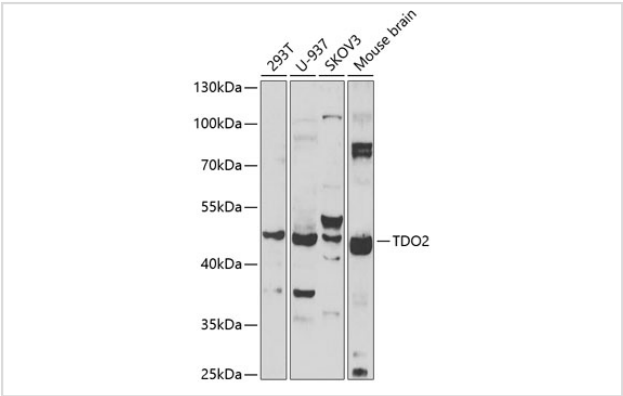
Description

Product Name	TDO2 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total TDO2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human TDO2.
Target Name	TDO2
Other Names	TO; TDO; TPH2; TRPO;
Accession No.	Swiss-Prot#: P48775NCBI Gene ID: 6999
Uniprot	P48775
GeneID	6999;
SDS-PAGE MW	47kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using TDO2 at 1:1000 dilution.

Background

This gene encodes a heme enzyme that plays a critical role in tryptophan metabolism by catalyzing the first and rate-limiting step of the kynurenine pathway. Increased activity of the encoded protein and subsequent kynurenine production may also play a role in cancer through the suppression of antitumor immune responses, and single nucleotide polymorphisms in this gene may be associated with autism.

Note: This product is for in vitro research use only