

TDO2 rabbit monoclonal antibody

Catalog # H00006999-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human TDO2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human TDO2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human TDO2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — TDO2

Entrez GeneID	6999
GeneBank Accession#	TDO2
Gene Name	TDO2
Gene Alias	TDO, TPH2, TRPO
Gene Description	tryptophan 2,3-dioxygenase
Omim ID	191070
Gene Ontology	Hyperlink
Gene Summary	Tryptophan 2,3-dioxygenase (EC 1.13.11.11) plays a role in catalyzing the first and rat-limiting step in the kynurenine pathway, the major pathway of tryptophan metabolism.[supplied by OMIM]
Other Designations	Tryptophan oxygenase

Pathway

- [Metabolic pathways](#)
- [Tryptophan metabolism](#)

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Postmortem Changes](#)
- [Schizophrenia](#)