

Rabbit TDO2 Polyclonal Antibody | anti-TDO2 antibody

TDO2 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199605	Rabbit	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

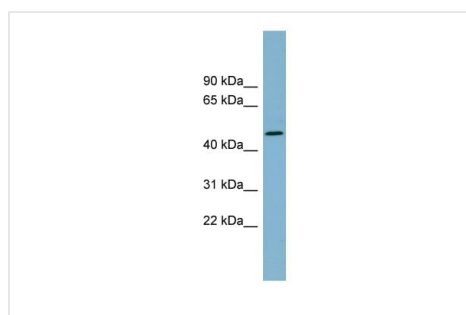
PRODUCT SYNONYMS

TDO2; Polyclonal Antibody; TDO2 antibody - N-terminal region; anti-TDO2 antibody

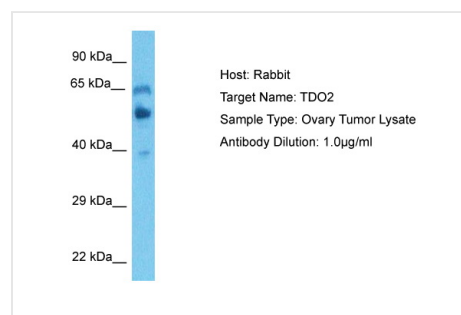
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LF IITHQAYELW FKQILWELDS VREIFQNGHV RDERNMLKVV SRMHRVSV
Sequence Length	406
Applicable Applications for anti-TDO2 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TDO2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

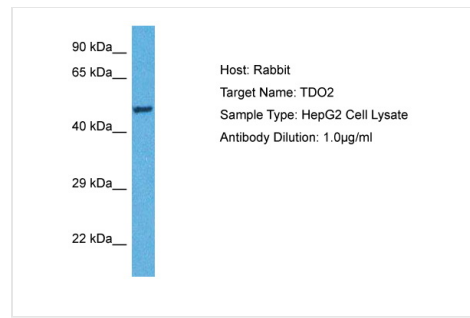
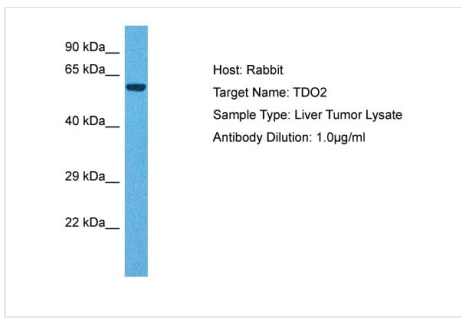
IMAGES


WB (Western Blot)

WB Suggested Anti-TDO2 Antibody Titration: 0.2-1 ug/ml Positive Control: Human Small Intestine


WB (Western Blot)

Host: Rabbit Target Name: TDO2 Sample Tissue: Human Ovary Tumor Antibody Dilution: 1ug/ml



WB (Western Blot)

Host: Rabbit Target Name: TDO2 Sample Tissue: Human Liver Tumor Antibody Dilution: 1ug/ml

WB (Western Blot)

Host: Rabbit Target Name: TDO2 Sample Tissue: Human HepG2 Whole Cell Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-TDO2 antibody	This is a rabbit polyclonal antibody against TDO2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-TDO2 antibody	Polyclonal; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	5032165
NCBI GeneID	6999
NCBI Accession #	NP_005642
NCBI GenBank Nucleotide #	NM_005651
UniProt Accession #	P48775
Molecular Weight	48kDa
NCBI Official Full Name	tryptophan 2,3-dioxygenase
NCBI Official Synonym Full Names	tryptophan 2,3-dioxygenase
NCBI Official Symbol	TDO2
NCBI Official Synonym Symbols	TO; TDO; TPH2; TRPO; HYPTRP
NCBI Protein Information	tryptophan 2,3-dioxygenase
UniProt Protein Name	Tryptophan 2,3-dioxygenase
UniProt Gene Name	TDO2
UniProt Entry Name	T23O_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/polyclonal/tdo2-antibody-western-blot-elisa/199605>