

Rabbit anti-Human I23O2 Polyclonal Antibody | anti-IDO2 antibody

I23O2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287912	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

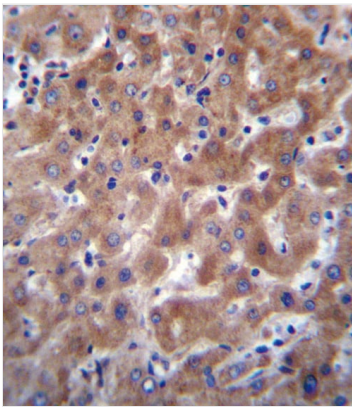
PRODUCT SYNONYMS

I23O2; Polyclonal Antibody; I23O2 Antibody (C-term); Indoleamine 2; 3-dioxygenase 2; IDO-2; 11311-; 3-dioxygenase-like protein 1; Indoleamine-pyrrole 2; IDO2; INDOL1; anti-IDO2 antibody

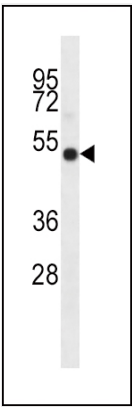
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This I23O2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 267-295 amino acids from the C-terminal region of human I23O2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	267-295
Sequence Length	172
Applicable Applications for anti-IDO2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

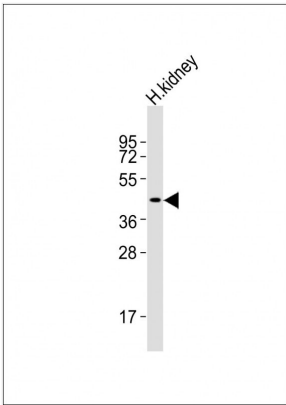
IMAGES



IHC (Immunohistochemisry)
I23O2 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of I23O2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
I23O2 Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the I23O2 antibody detected the I23O2 protein (arrow).



WB (Western Blot)
Anti-I23O2 Antibody (C-term)at 1:2000 dilution + human kidney lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 45 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-IDO2 antibody	Along with the enzymes encoded by the INDO (MIM 147435) and TDO2 (MIM 191070) genes, the enzyme encoded by the INDOL1 gene metabolizes tryptophan in the kynurenine pathway (Ball et al., 2007 [PubMed 17499941]).
Product Categories/Family for anti-IDO2 antibody	Metabolism; Signal Transduction
References	Cetindere, T., et al. Cell. Signal. 22(2):197-211(2010) Huttunen, R., et al. Shock 33(2):149-154(2010) Witkiewicz, A.K., et al. J. Am. Coll. Surg. 208(5):781-787(2009) Metz, R., et al. Cancer Res. 67(15):7082-7087(2007) Ball, H.J., et al. Gene 396(1):203-213(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	148539554
NCBI GeneID	169355
NCBI Accession #	NP_919270.2

NCBI GenBank Nucleotide #	NM_194294.2
UniProt Accession #	Q6ZQW0 ; A4UD41
Molecular Weight	45424
NCBI Official Full Name	indoleamine 2,3-dioxygenase 2
NCBI Official Synonym Full Names	indoleamine 2,3-dioxygenase 2
NCBI Official Symbol	IDO2
NCBI Official Synonym Symbols	INDOL1
NCBI Protein Information	indoleamine 2,3-dioxygenase 2
UniProt Protein Name	Indoleamine 2,3-dioxygenase 2
UniProt Gene Name	IDO2
UniProt Synonym Gene Names	INDOL1; IDO-2
UniProt Entry Name	I23O2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/i23o2-antibody-immunohistochemistry-western-blot-elisa/287912>