

Rabbit anti-Human INDOL1 Polyclonal Antibody | anti-IDO2 antibody

Anti-INDOL1 antibody

CATALOG # AAA44991	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
------------------------------	-----------------------	----------------------------	-------------------------------------

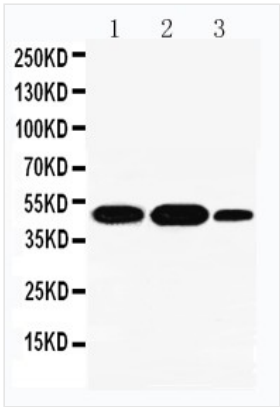
PRODUCT SYNONYMS

INDOL1; Polyclonal Antibody; Anti-INDOL1 antibody; ndoleamine 2; 3-dioxygenase 2; indoleamine 2; 3-dioxygenase 2 antibody; 3-dioxygenase-like protein 1 antibody; EC 1.13.11. antibody; I23O2_HUMAN antibody; IDO 2 antibody; IDO-2 antibody; Ido2 antibody; INDOL 1 antibody; Indoleamine 2 antibody; Indoleamine 2; 3 dioxygenase 2 antibody; 3 dioxygenase like 1 protein antibody; 3 dioxygenase like protein 1 antibody; Indoleamine pyrrole 2; 3 dioxygenase like 1 antibody; Indoleamine-pyrrole 2 antibody; anti-IDO2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	407
Applicable Applications for anti-IDO2 antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human INDOL1 (1-20aa MLHFHYDTSNKIMEPHRPN).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti-INDOL1 antibody, AAA44991, Western blottingLane 1: A549 Cell LysateLane 2: Human Placenta Tissue LysateLane 3: A431 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-IDO2 antibody	IDO2(Indoleamine 2,3-dioxygenase 2), also called INDOLEAMINE 2,3-DIOXYGENASE-LIKE 1 or INDOL1, is an enzyme encoded by theINDOL1 gene which metabolizes tryptophan in the kynurenine pathway. By genomic sequence analysis, the INDOL1 gene is mapped onchromosome 8p12 just downstream of the INDO gene. And its exact cytogenetic location is 8p11.21. By database analysis using INDO asprobe, followed by RT-PCR of total RNA from various tissues, IDO2 is cloned by human and mouse INDOL1. INDOL1 catabolizes tryptophan asdetermined by Kyn production, but unlike INDO, is inhibited by D-1-methyl-tryptophan(D-1MT) but not the L-1MT stereoisomer. The GeneStructure of the INDOL1 has 11 exons and spans 74 kb.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	215274147
NCBI GeneID	169355
UniProt Accession #	Q6ZQW0; A4UD41
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; IDO-2; indoleamine 2,3-dioxygenase-like 1 protein; indoleamine 2,3-dioxygenase-like protein 1; indoleamine-pyrrole 2,3 dioxygenase-like 1; indoleamine-pyrrole 2,3-dioxygenase-like protein 1
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.