

Rabbit anti-Mouse IDO1 / IDO Polyclonal Antibody | anti-IDO1 / IDO antibody

Anti-IDO1 / IDO Antibody IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52619	Rabbit	Mouse	ELISA, Western Blot, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

IDO1 / IDO; Polyclonal Antibody; Anti-IDO1 / IDO Antibody IHC-plus; Rabbit Polyclonal to Mouse IDO1 / IDO; Mouse IDO1 / IDO; IDO1; IDO; Indole 2; 3-dioxygenase; Indolamine 2; 3 dioxygenase; IDO-1; INDO; Indoleamine 2; 3-dioxygenase 1; anti-IDO1 / IDO antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Specificity	Recognizes mouse IDO. Detects a band of ~45kDa by Western blot.
Purity/Purification	Protein A purified
Form/Format	PBS, pH 7.4, no preservatives.
Concentration	1 mg/ml (varies by lot)
Sequence Length	403
Applicable Applications for anti-IDO1 / IDO antibody	ELISA, WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	IDO1 / IDO antibody was raised against recombinant mouse IDO.
Immunogen Description	Recombinant mouse IDO.
Immunogen Type	Recombinant protein
Target Species	Mouse
Preparation and Storage	Long term: -20 degree C Short term: 4 degree C Avoid freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of mouse IDO using anti-IDO (mouse), pAb at 1:2,000 dilution. 1. Recombinant mouse IDO (His-tagged). 2. Con-A treated mouse peripheral blood lymphocyte lysate.



IHC (Immunohistochemistry)

Mouse Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-IDO1 / IDO antibody	IDO1 Antibody, IDO Antibody, Indole 2,3-dioxygenase Antibody, Indolamine 2,3 dioxygenase Antibody, IDO-1 Antibody, INDO Antibody, Indoleamine 2,3-dioxygenase Antibody, Indoleamine 2,3-dioxygenase 1 Antibody Description: IDO1 / IDO is indoleamine 2,3-dioxygenase (IDO) - a heme enzyme that catalyzes the first and rate-limiting step in tryptophan catabolism to N-formyl-kynurenine. This enzyme acts on multiple tryptophan substrates including D-tryptophan, L-tryptophan, 5-hydroxy-tryptophan, tryptamine, and serotonin. This enzyme is thought to play a role in a variety of pathophysiological processes such as antimicrobial and antitumor defense, neuropathology, immunoregulation, and antioxidant activity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	123948
NCBI GeneID	3620
UniProt Accession #	P14902; Q540B4; E5RGR8; F6M9T7
Molecular Weight	45,326 Da
NCBI Official Full Name	Indoleamine 2,3-dioxygenase 1
NCBI Official Synonym Full Names	indoleamine 2,3-dioxygenase 1
NCBI Official Symbol	IDO1
NCBI Official Synonym Symbols	IDO; INDO; IDO-1
NCBI Protein Information	indoleamine 2,3-dioxygenase 1
UniProt Protein Name	Indoleamine 2,3-dioxygenase 1
UniProt Gene Name	IDO1
UniProt Synonym Gene Names	IDO; INDO; IDO-1
UniProt Entry Name	I23O1_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/ido1-ido-antibody-western-blot-immunocytochemistry-immunohistochemistry-elisa/52619>