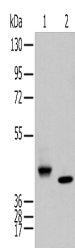


IDO2 Polyclonal Antibody

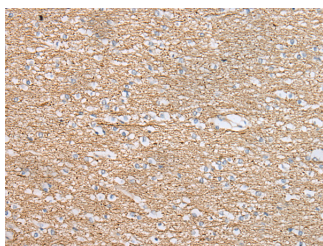
Catalog No.	E-AB-18375	Reactivity	H
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western blot analysis of Human fetal brain tissue and Human kidney tissue using IDO2 Polyclonal Antibody at dilution of 1:450



Immunohistochemistry of paraffin-embedded Human brain tissue using IDO2 Polyclonal Antibody at dilution of 1:45(×200)

Immunogen Information

Immunogen	Full length fusion protein
Gene Accession	BC113496
Swissprot	Q6ZQW0
Synonyms	I23O2,IDO 2,IDO-2,Ido2,INDOL 1,3 dioxygenase like protein 1,Indoleamine-pyrrole 2

Product Information

Calculated MW	45 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, IHC 1:30-1:150, ELISA 1:5000-1:10000

Background

INDOL1 is also known as IDO2 (indoleamine 2,3-dioxygenase 2) and is a 407 amino acid protein that is expressed in various tissues, including liver, small intestine, spleen, placenta, thymus, lung, brain, kidney, colon and dendritic cells. INDOL1 is selectively inhibited by D-1MT (1-methyl-d-tryptophan), which also inhibits IDO (indoleamine 2,3-dioxygenase) and is significant because IDO expression causes suppression of T cell responses to tumors in dendritic cells. The inhibition of INDOL1 by D-1MT suggests a common function in immunomodulation. In the human INDOL1 gene, two single nucleotide polymorphisms have been detected which abolish the enzymatic function of INDOL1.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.