
Product Name: INDOL1 Rabbit Polyclonal Antibody**Catalog #: APRab12601**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:10000-1:20000
Molecular Weight	45kDa

Antigen Information

Gene Name	IDO2
Alternative Names	IDO2; INDOL1; Indoleamine 2,3-dioxygenase 2; IDO-2; Indoleamine 2,3-dioxygenase-like protein 1; Indoleamine-pyrrole 2,3-dioxygenase-like protein 1
Gene ID	169355.0
SwissProt ID	Q6ZQW0
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human IDO2. AA range:101-150

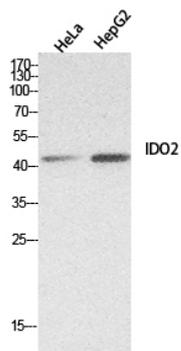
Background

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]).[supplied by OMIM, Feb 2011],tryptophan metabolic process,tryptophan catabolic process,cellular amino acid derivative metabolic process,biogenic amine metabolic process,indolalkylamine metabolic process,cellular amino acid catabolic process,aromatic amino acid family metabolic process,aromatic amino acid family catabolic process,amine catabolic process,organic acid catabolic process,aromatic compound catabolic process,tryptophan catabolic process to kynurenine,cellular amino acid derivative catabolic process,biogenic amine catabolic process,indole and derivative metabolic process,indole derivative metabolic process,indole derivative catabolic process,indolalkylamine catabolic process,carboxylic acid catabolic process,heterocycle catabolic process,oxidation reduction,

Research Area

Tryptophan metabolism;

Image Data



Western Blot analysis of HeLa, HepG2 cells using INDOL1 Polyclonal Antibody..
Secondary antibody was diluted at 1:20000