Product Name: INDOL1 Rabbit Polyclonal Antibody
Catalog #: APRab12601

Summary

Production Name	INDOL1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

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.The antiserum was produced against synthesized peptide derived from the Internal region of human IDO2. AA range:101-150

Application

Dilution Ratio	WB 1:500-1:2000. ELISA: 1:20000.
Molecular Weight	45kD

Background

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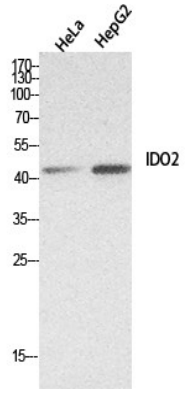
Along with the enzymes encoded by the INDO (MIM 147435) and TDO2 (MIM 191070) genes, the enzyme encoded by the INDOL1 gene metabolizes tryptophan in the kynurenine pathway (Ball et al., 2007 [PubMed 17499941]).[supplied by OMIM, Feb 2011],tryptophan metabolic process, tryptophan catabolic process, cellular 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

Note

For research use only.