

For Research Use Only

IDO2 Polyclonal antibody

Catalog Number: 25053-1-AP **4 Publications**



Basic Information

Catalog Number: 25053-1-AP	GenBank Accession Number: BC113496	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 169355	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500 IF 1:20-1:200
Source: Rabbit	UNIPROT ID: Q6ZQW0	
Isotype: IgG	Full Name: indoleamine 2,3-dioxygenase 2	
Immunogen Catalog Number: AG21866	Calculated MW: 407 aa, 45 kDa	
	Observed MW: 45 kDa	

Applications

Tested Applications: IF/ICC, IHC, WB, ELISA	Positive Controls: WB : A549 cells, IHC : human liver tissue, human lung tissue IF : A549 cells,
Cited Applications: IF, IHC, WB	
Species Specificity: human	
Cited Species: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

IDO2, also named as INDOL1, catalyzes the first and rate-limiting step in the kynurenine pathway of tryptophan catabolism. IDO2 gene has two isoforms with MW 45 kDa and 20 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Takako Yamamoto	31239324	Sci Signal	WB
Azubuike Peter Ebokaiwe	32822738	Toxicol Appl Pharmacol	WB
Sumei Zhang	38062922	Cancer Med	IHC

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

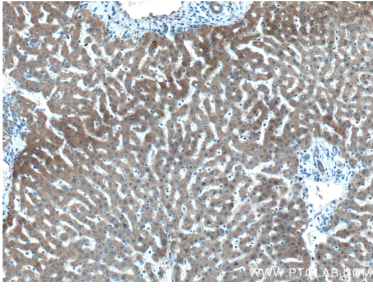
T: 4006900926

E: Proteintech-CN@ptglab.com

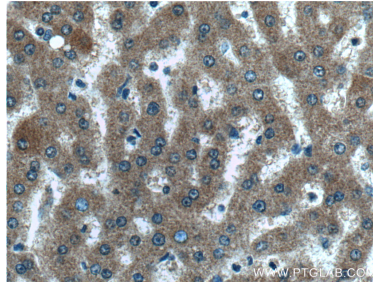
W: ptgcn.com

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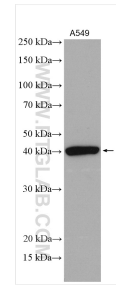
Selected Validation Data



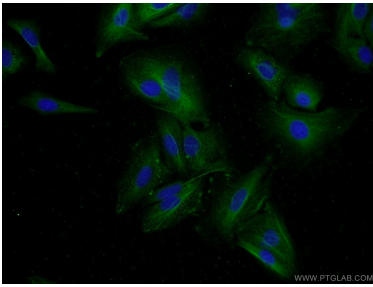
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 25053-1-AP (IDO2 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 25053-1-AP (IDO2 antibody) at dilution of 1:200 (under 40x lens).



A549 cells were subjected to SDS PAGE followed by western blot with 25053-1-AP (IDO2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of A549 cells using 25053-1-AP (IDO2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).