

For Research Use Only

# IDO2 Polyclonal antibody

Catalog Number: 25053-1-AP

4 Publications



## Basic Information

Catalog Number:

25053-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21866

GenBank Accession Number:

BC113496

GeneID (NCBI):

169355

UNIPROT ID:

Q6ZQW0

Full Name:

indoleamine 2,3-dioxygenase 2

Calculated MW:

407 aa, 45 kDa

Observed MW:

45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

IF 1:20-1:200

## Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

Cited Applications:

WB, IF, IHC

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**

Positive Controls:

WB : A549 cells,

IHC : human liver tissue, human lung tissue

IF : A549 cells,

## 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:

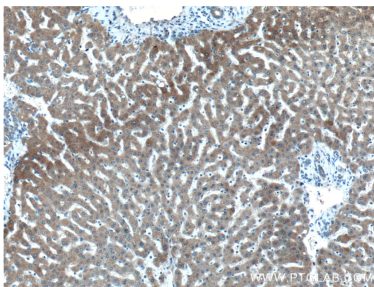
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

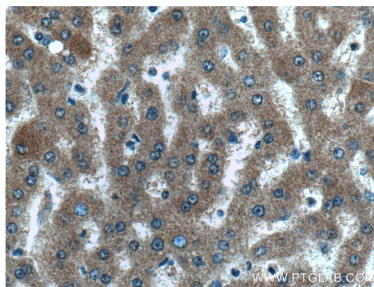
W: [ptgcn.com](http://ptgcn.com)

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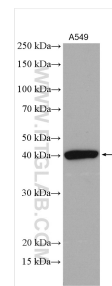
## Selected Validation Data



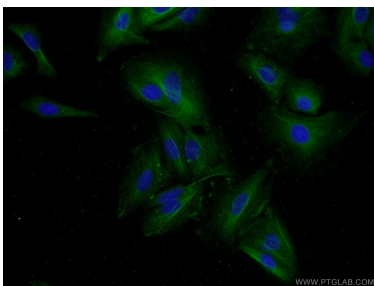
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 25053-1-AP (IDO2 antibody) at dilution of 1:200 (under 10x lens).



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).