

For Research Use Only

IDO2 Polyclonal antibody

Catalog Number: 30530-1-AP



Basic Information

Catalog Number:

30530-1-AP

Size:

150ul , Concentration: 350 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33013

GenBank Accession Number:

NM_194294

GeneID (NCBI):

169355

UNIPROT ID:

Q6ZQW0

Full Name:

indoleamine 2,3-dioxygenase 2

Calculated MW:

47 kDa

Observed MW:

40-47 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, mouse, rat

Positive Controls:

WB : mouse kidney tissue, rat kidney tissue

Background Information

IDO2 is one of two closely related tryptophan catabolizing enzymes induced under inflammatory conditions. In contrast to the immunoregulatory role defined for IDO1 in cancer models, IDO2 has a proinflammatory function in models of autoimmunity and contact hypersensitivity. The product of the IDO2 gene is a 420 amino-acid protein, with a molecular weight of ~47 kDa. (PMID: 34965962, PMID: 29807576, PMID: 35493480)

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

*** 20ul sizes contain 0.1% BSA

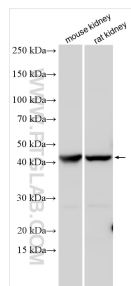
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30530-1-AP (IDO2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.