

For Research Use Only

IDO2 Polyclonal antibody

Catalog Number: 30530-1-AP



Basic Information

Catalog Number: 30530-1-AP	GenBank Accession Number: NM_194294	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop;	GeneID (NCBI): 169355	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: indoleamine 2,3-dioxygenase 2	
Isotype: IgG	Calculated MW: 47 kDa	
Immunogen Catalog Number: AG33013	Observed MW: 40-47 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse kidney tissue, rat kidney tissue
Species Specificity: Human, mouse, rat	

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

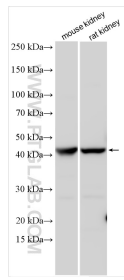
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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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.