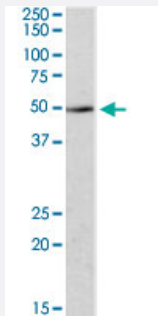


# IDO2 polyclonal antibody

Catalog # PAB17233      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

IDO2 polyclonal antibody (Cat # PAB17233) (0.5 ug/mL) staining of human kidney lysate (35 ug protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.

## Specification

**Product Description** Goat polyclonal antibody raised against synthetic peptide of IDO2.

**Immunogen** A synthetic peptide corresponding to human IDO2.

**Sequence** C-RDKTLESILHPR

**Host** Goat

**Theoretical MW (kDa)** 47.07

**Reactivity** Human

**Form** Liquid

**Purification** Antigen affinity purification

**Concentration** 0.5 mg/mL

**Recommend Usage** ELISA (1:64000)  
Western Blot (1-3 ug/mL)  
The optimal working dilution should be determined by the end user.

**Storage Buffer** In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

**Storage Instruction**

Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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- Enzyme-linked Immunoabsorbent Assay

## Gene Info — IDO2

**Entrez GeneID**[169355](#)**Protein Accession#**[NP\\_919270.2](#)**Gene Name**

IDO2

**Gene Alias**

INDOL1

**Gene Description**

indoleamine 2,3-dioxygenase 2

**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

**Other Designations**

indoleamine 2,3-dioxygenase-like 1 protein|indoleamine-pyrrole 2,3 dioxygenase-like 1

## Publication Reference

- [Novel tryptophan catabolic enzyme IDO2 is the preferred biochemical target of the antitumor indoleamine 2,3-dioxygenase inhibitory compound D-1-methyl-tryptophan.](#)

Metz R, Duhadaway JB, Kamasani U, Laury-Kleintop L, Muller AJ, Prendergast GC.

Cancer Research 2007 Aug; 67(15):7082.

## Pathway

- [Metabolic pathways](#)
- [Tryptophan metabolism](#)

## Disease

- [Carcinoma](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)