

# Product Datasheet

## IDO2 Antibody NBP1-45209

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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### Publications: 2

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**NBP1-45209**

## IDO2 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat IDO2 Antibody (NBP1-45209) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-IDO2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	169355
Gene Symbol	IDO2
Species	Human
Immunogen	Peptide with sequence C-RDKTLESILHPR corresponding to C-Terminus according to NP_919270.2.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Immunohistochemistry, Immunohistochemistry-Frozen 1:10 - 1:500, Peptide ELISA Detection limit 1:64000
Application Notes	WB: Approx. 50 kDa band observed in human kidney lysates (calculated MW of 47.07 kDa band according to NP_919270.2). IHC-F usage is reported in scientific literature (PMID: 23894651).

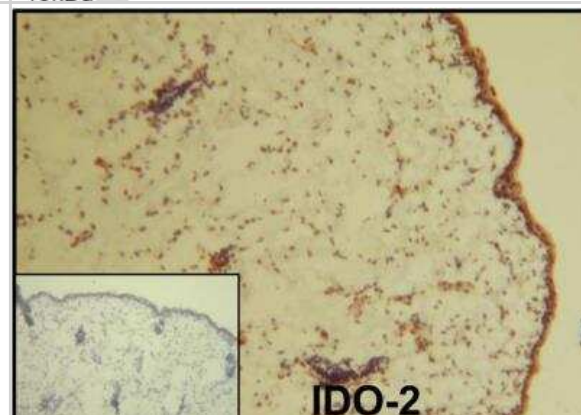


## Images

Western Blot: IDO2 Antibody [NBP1-45209] - (0.5ug/ml) staining of Human Kidney lysate (35ug protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

Immunohistochemistry-Frozen: IDO2 Antibody [NBP1-45209] - Pieces of the skin sample used to manufacture the fibroblast and keratinocyte cell banks were frozen and embedded for cryosectioning. Skin sections were stained for the immunodetection of IDO-2. Isotypic controls for IDO-2 staining are indicated in the publication. Image collected and cropped by CiteAb from the following publication ([journals.plos.org/plosone/article?id=10.1371/journal.pone.0070408](https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0070408)), licensed under a CC-BY license.



## Publications

Metz R, Duhadaway JB, Kamasani U et al. Novel tryptophan catabolic enzyme IDO2 is the preferred biochemical target of the antitumor indoleamine 2,3-dioxygenase inhibitory compound D-1-methyl-tryptophan. *Cancer Res* 2007-08-01 [PMID: 17671174]

Zuliani T, Saiagh S, Knol AC et al. Fetal Fibroblasts and Keratinocytes with Immunosuppressive Properties for Allogeneic Cell-Based Wound Therapy. *PLoS One* 2013-07-24 [PMID: 23894651] (IHC-Fr, Human)



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### **Products Related to NBP1-45209**

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP3-21286PEP	IDO2 Recombinant Protein Antigen

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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