

# Product Datasheet

## Indoleamine 2,3-dioxygenase/IDO Antibody - BSA Free NBP1-87703

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 2

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**NBP1-87703**

Indoleamine 2,3-dioxygenase/IDO Antibody - BSA Free

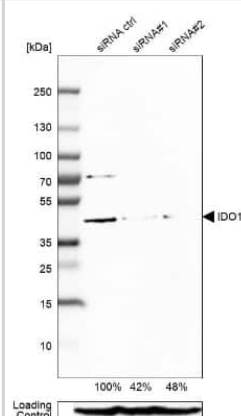
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit Indoleamine 2,3-dioxygenase/IDO Antibody - BSA Free (NBP1-87703) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Indoleamine 2,3-dioxygenase/IDO Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3620
Gene Symbol	IDO1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MAHAMENSWTISKEYHIDEVGFALPNPQENLPDFYNDWMFIAKHLPDLIESG QLRERVEKLNMLSIDHLTDHKSQRLARLVLGCITMAYVWGKGHGDVRKVL

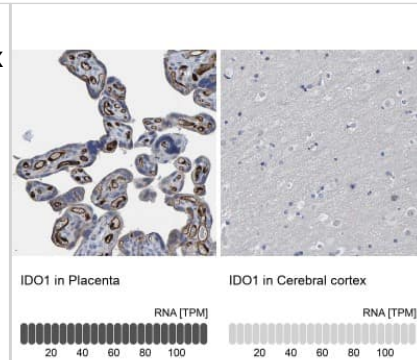
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

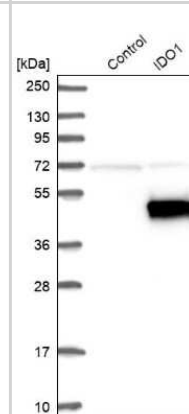
Western Blot: Indoleamine 2,3-dioxygenase/IDO Antibody [NBP1-87703] - Analysis in EFO-21 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using anti-IDO1 antibody. Remaining relative intensity is presented. Loading control: anti-PPIB.



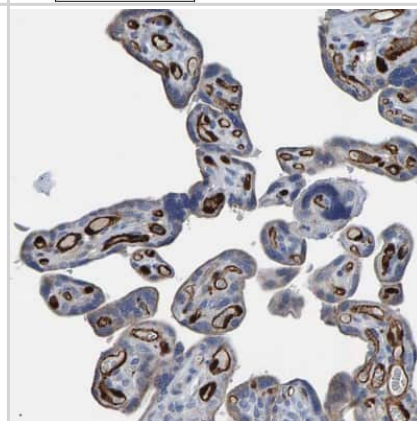
Immunohistochemistry-Paraffin: Indoleamine 2,3-dioxygenase/IDO Antibody [NBP1-87703] - Staining in human placenta and cerebral cortex tissues . Corresponding IDO1 RNA-seq data are presented for the same tissues.



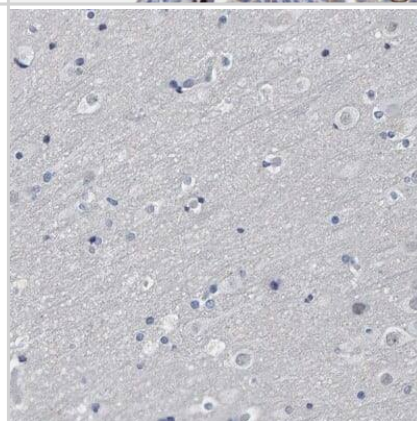
Western Blot: Indoleamine 2,3-dioxygenase/IDO Antibody [NBP1-87703] - Analysis in control (vector only transfected HEK293T lysate) and IDO1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



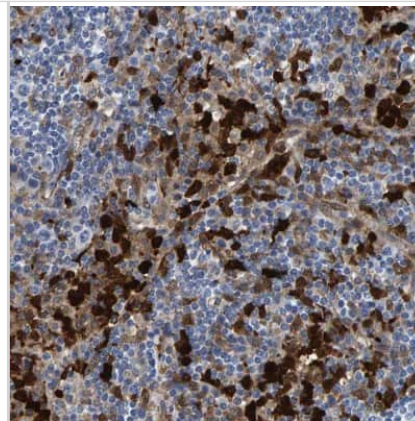
Immunohistochemistry-Paraffin: Indoleamine 2,3-dioxygenase/IDO Antibody [NBP1-87703] - Staining of human placenta shows moderate to strong cytoplasmic positivity in endothelial cells.



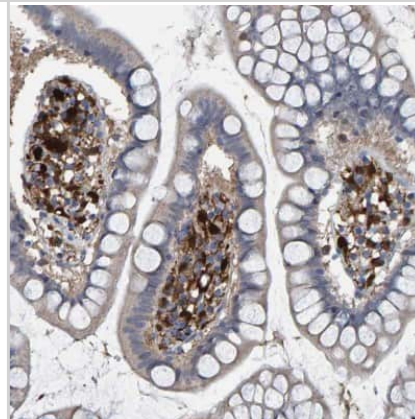
Immunohistochemistry-Paraffin: Indoleamine 2,3-dioxygenase/IDO Antibody [NBP1-87703] - Staining of human cerebral cortex shows no cytoplasmic positivity in neuronal cells as expected.



Immunohistochemistry-Paraffin: Indoleamine 2,3-dioxygenase/IDO Antibody [NBP1-87703] - Staining of human lymph node shows strong positivity in non - germinal center cells.



Immunohistochemistry-Paraffin: Indoleamine 2,3-dioxygenase/IDO Antibody [NBP1-87703] - Staining of human small intestine shows moderate to strong positivity in lymphoid cells.



## Publications

Workman MJ, Troisi E, Targan SR, et al. Modeling Intestinal Epithelial Response to Interferon- $\gamma$  in Induced Pluripotent Stem Cell-Derived Human Intestinal Organoids International journal of molecular sciences 2020-12-30 [PMID: 33396621] (WB, ICC/IF, Human)

Mehra S, Alvarez X, Didier PJ et al. Granuloma Correlates of Protection Against Tuberculosis and Mechanisms of Immune Modulation by Mycobacterium tuberculosis. J Infect Dis 2013-04-01 [PMID: 23255564]



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### **Products Related to NBP1-87703**

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NBP1-87703PEP	Indoleamine 2,3-dioxygenase/IDO Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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