

# Product Datasheet

## Kynurenine 3-Monooxygenase/KMO Antibody - BSA Free NBP1-86335

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: 1

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Updated 1/12/2026 v.20.1

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**NBP1-86335****Kynurenine 3-Monooxygenase/KMO Antibody - BSA Free**

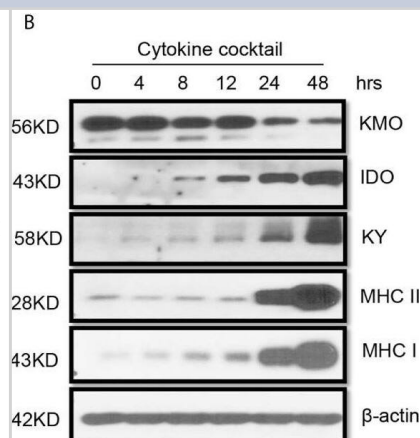
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal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

Product Description	
<b>Description</b>	Novus Biologicals Rabbit Kynurenine 3-Monooxygenase/KMO Antibody - BSA Free (NBP1-86335) is a polyclonal antibody validated for use in IHC. Anti-Kynurenine 3-Monooxygenase/KMO Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	8564
<b>Gene Symbol</b>	KMO
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: GLVGS LQACFLAKRNFQIDVYEAREDTRVATFTRGRSINLALSHRGRQALKAVG LEDQIVSQGIPMRARMIHSLSGKKS AIPYGT KSQYILSVSRENLNKDLLTAAEKY PNVKMHFNHR

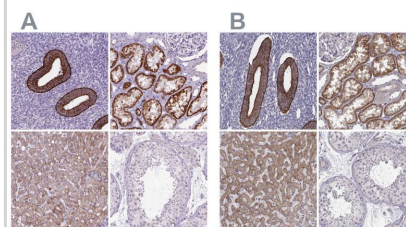
Product Application Details	
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:2500 - 1:5000, Immunohistochemistry-Paraffin 1:2500 - 1:5000
<b>Application Notes</b>	IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

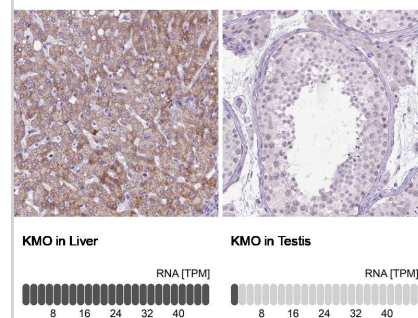
Western Blot: Kynurenine 3-Monooxygenase/KMO Antibody [NBP1-86335] - Western blot analysis of function protein expression on primary human renal cortical epithelial cells challenged with cytokines. Primary human renal tubular epithelial cells are challenged with cytokine cocktail (15nM IFN $\gamma$ , 6nM TNF $\alpha$ , & 3nM IL1 $\beta$ ). (A, B) Expression of Snail, E-Cad, TJP1, SMA, AhR, IDO, KMO, KY, MHC I & II. (C, D) Densitometric quantitation of protein in (A, B). All Western blots are representative of at least three independent experiments. \*P < 0.05, \*\*\*P < 0.0001 versus to cells without treatment, analysis is multiple t-tests, pairwise comparison of individual time-point to control indicated same p-value. Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/34305900>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



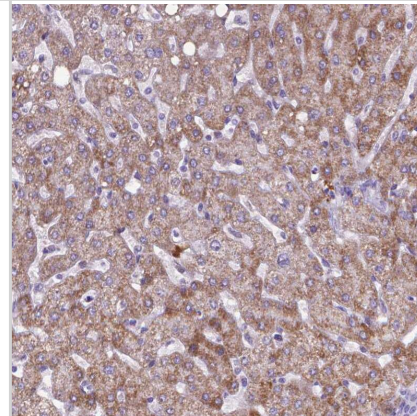
Staining of human endometrium, kidney, liver and testis using NBP1-86335 (A) shows similar protein distribution across tissues to independent antibody NBP2-54915 (B).



Analysis in human liver and testis tissues Corresponding KMO RNA-seq data are presented for the same tissues.



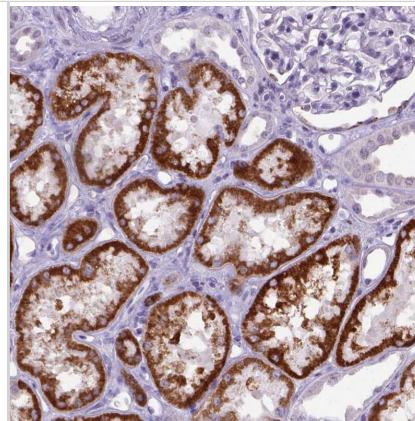
Staining of human liver shows strong cytoplasmic granular positivity in hepatocytes.



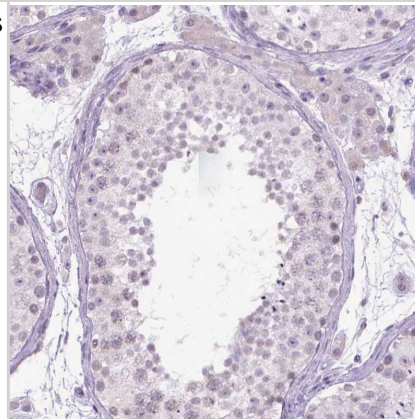
Staining of human endometrium shows strong cytoplasmic granular positivity in glandular cells.



Staining of human kidney shows strong cytoplasmic granular positivity in cells in tubules.



Staining of human testis shows no positivity in cells in seminiferous ducts as expected.



## Publications

Lassiter R, Merchen Td, Fang X, Wang Y Protective Role of Kynurenine 3-Monooxygenase in Allograft Rejection and Tubular Injury in Kidney Transplantation *Frontiers in immunology* 2021-07-07 [PMID: 34305900]



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### **Products Related to NBP1-86335**

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NBP1-86335PEP	Kynurenine 3-Monooxygenase/KMO Recombinant Protein Antigen
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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