

# Product Datasheet

## MafB Antibody - BSA Free NBP1-81342

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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**NBP1-81342**

MafB 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>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

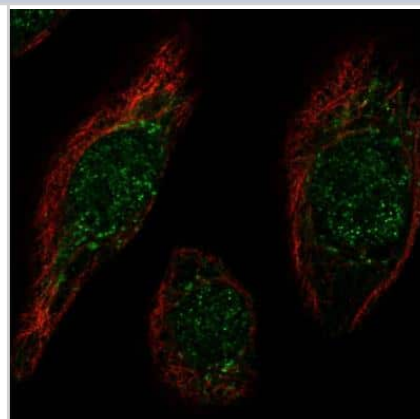
<b>Host</b>	Rabbit
<b>Gene ID</b>	9935
<b>Gene Symbol</b>	MAFB
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID: 25053437).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: MEYVNDFDLLKFDVKKEPLGRAERPGRPCTRLQPAGSVSSTPLSTPCSSVPSS PSFSPTEQKTHLEDLYWMASNYQQMNPEALNLTPEDAVEALIGSHVPVQPLQS FDSFRGAHHHHHHHHHPH

**Product Application Details**

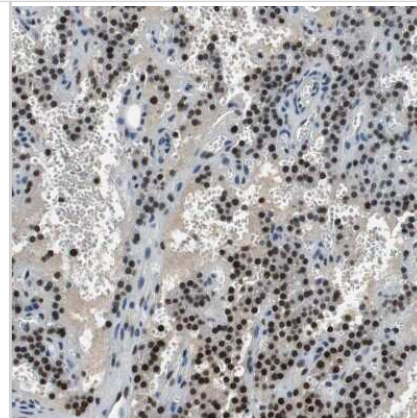
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot Validated from a verified customer review, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization, Use PFA/Triton X-100.

**Images**

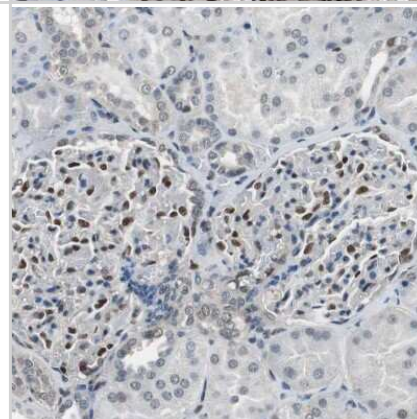
Immunocytochemistry/Immunofluorescence: MafB Antibody [NBP1-81342] - Staining of human cell line hTCEpi shows localization to nucleus & the Golgi apparatus. Antibody staining is shown in green.



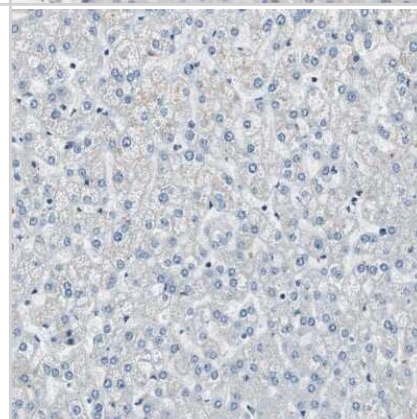
Immunohistochemistry-Paraffin: MafB Antibody [NBP1-81342] - Staining of human parathyroid gland shows moderate to strong nuclear positivity in glandular cells.



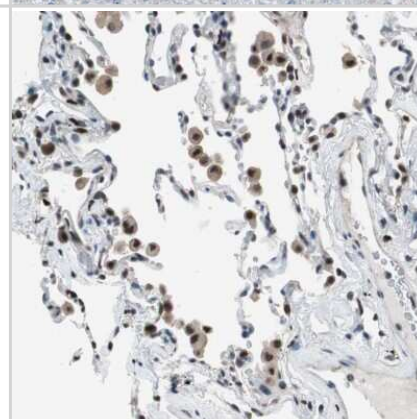
Immunohistochemistry-Paraffin: MafB Antibody [NBP1-81342] - Staining of human kidney shows moderate to strong nuclear positivity in podocytes.



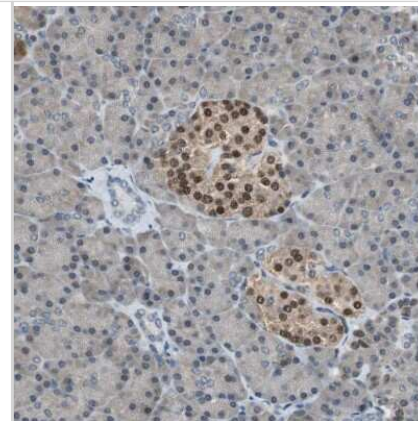
Immunohistochemistry-Paraffin: MafB Antibody [NBP1-81342] - Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: MafB Antibody [NBP1-81342] - Staining of human lung shows moderate to strong nuclear positivity in macrophages.



Immunohistochemistry-Paraffin: MafB Antibody [NBP1-81342] - Staining of human pancreas shows moderate to strong nuclear positivity in islets of Langerhans.



## Publications

Digby JIm, Vanichapol T, Przepiorski A et Al. Evaluation of cisplatin-induced injury in human kidney organoids Am. J. Physiol. Renal Physiol. 2020-04-01 [PMID: 32150447]

Digby JLM, Przepiorski A, Davidson AJ, Sander V Modeling acute kidney injury in kidney organoids with cisplatin bioRxiv 2019-12-23 (IHC-P, Human)

Goudot C, Coillard A, Villani A et al. Aryl Hydrocarbon Receptor Controls Monocyte Differentiation into Dendritic Cells versus Macrophages. Immunity 2017-09-19 [PMID: 28930664] (WB, Human)

Conrad E, Dai C, Spaeth J et al. The MAFB transcription factor impacts islet a-cell function in rodents and represents a unique signature of primate islet b-cells. Am. J. Physiol. Endocrinol. Metab. 2016-01-01 [PMID: 26554594] (IF/IHC, Human)

Brunskill EW, Park JS, Chung E et al. Single cell dissection of early kidney development: multilineage priming. Development 2014-08-01 [PMID: 25053437] (IF/IHC, Mouse)

Pasquali L, Gaulton KJ, Rodriguez-Segui SA et al. Pancreatic islet enhancer clusters enriched in type 2 diabetes risk-associated variants. Nat Genet 2014-02-01 [PMID: 24413736]



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### **Products Related to NBP1-81342**

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NBP1-81342PEP	MafB 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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