

Product Datasheet

POMC Antibody (JE32-88) **NBP3-32842**

Unit Size: 100 μ l

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

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Updated 8/7/2025 v.20.1

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NBP3-32842

POMC Antibody (JE32-88)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE32-88
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	29 kDa

Product Description

Host	Rabbit
Gene ID	5443
Gene Symbol	POMC
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human POMC aa 21-70 / 267. (Uniprot: P01189)

Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000

Images

Western Blot: POMC Antibody (JE32-88) [NBP3-32842] - Western blot analysis of POMC on rat pituitary tissue lysates with Rabbit anti-POMC antibody (NBP3-32842) at 1/1,000 dilution.

Lysates/proteins at 10 ug/Lane.

Predicted band size: 29 kDa

Observed band size: 35 kDa

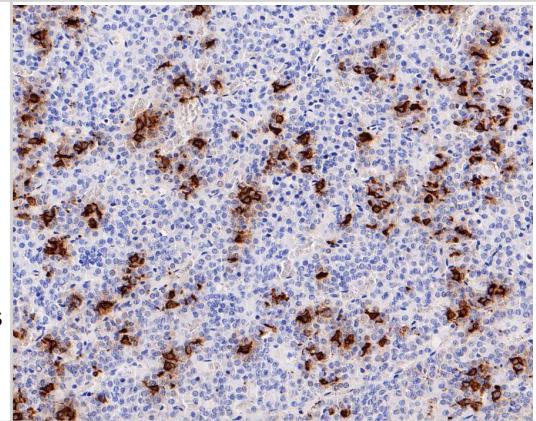
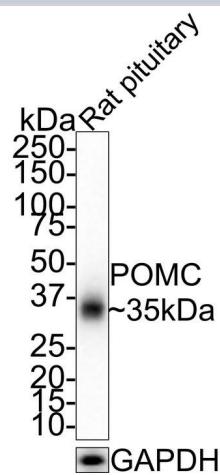
Exposure time: 1 minute;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32842) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:200,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: POMC Antibody (JE32-88) [NBP3-32842] - Immunohistochemical analysis of paraffin-embedded rat pituitary tissue with Rabbit anti-POMC antibody (NBP3-32842) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32842) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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Products Related to NBP3-32842

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-72334-50ug	Recombinant Human POMC His Protein

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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