

Product Datasheet

Oxytocin/Neurophysin I Antibody

NBP2-76346

Unit Size: 0.1 mg

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

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NBP2-76346**Oxytocin/Neurophysin I Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
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

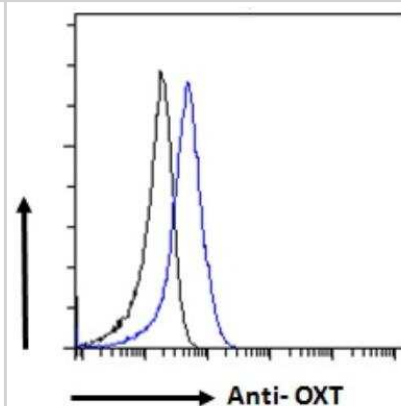
Product Description	
Description	Novus Biologicals Goat Oxytocin/Neurophysin I Antibody (NBP2-76346) is a polyclonal antibody validated for use in IHC, ELISA, Flow and ICC/IF. Anti-Oxytocin/Neurophysin I Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	5020
Gene Symbol	OXT
Species	Mouse, Rat
Immunogen	Peptide with sequence DGCRTDPACDPES corresponding to C-Terminus (near) according to Uniprot Mouse NP_035155.1.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Flow Cytometry 10 ug/ml, Immunocytochemistry/ Immunofluorescence, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Preliminary experiments gave an approx. 22 kDa band in mouse liver and lung lysates after 1 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 12.9 kDa band according to NP_035155.1. The 22 kDa band was successfully blocked by incubation with the immunizing peptide.

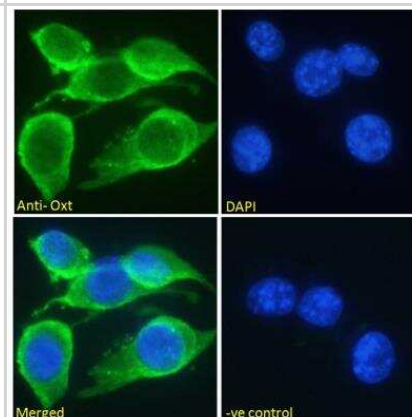


Images

Flow Cytometry: Oxytocin/Neurophysin I Antibody [NBP2-76346] - Analysis of paraformaldehyde fixed NIH3T3 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Immunofluorescence: Oxytocin/Neurophysin I Antibody [NBP2-76346] - Analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic and membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Publications

Li K, Feng Z, Xiong Z et Al. Growth hormone promotes the reconstruction of injured axons in the hypothalamo-neurohypophyseal system Neural Regen Res 2024-10-01 [PMID: 38488559]



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Products Related to NBP2-76346

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
NBP2-68928PEP	Oxytocin/Neurophysin I 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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