

For Research Use Only

OXT Polyclonal antibody

Catalog Number: 18041-1-AP

1 Publications



Basic Information

Catalog Number:

18041-1-AP

Concentration:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12672

GenBank Accession Number:

BC101841

GeneID (NCBI):

5020

UNIPROT ID:

P01178

Full Name:

oxytocin, prepropeptide

Calculated MW:

125 aa, 13 kDa

Observed MW:

13 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

IHC, IP, ELISA

Cited Applications:

IF

Species Specificity:

human, mouse, rat

Cited Species:

mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IP: mouse pituitary gland tissue,

IHC: human pituitary tissue, mouse ovary tissue, mouse brain tissue

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Armando J Mendez	39764245	Front Endocrinol (Lausanne)	IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

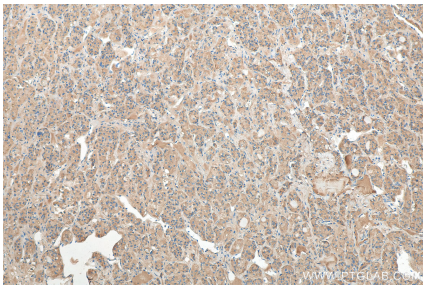
T: 4006900926

E: Proteintech-CN@ptglab.com

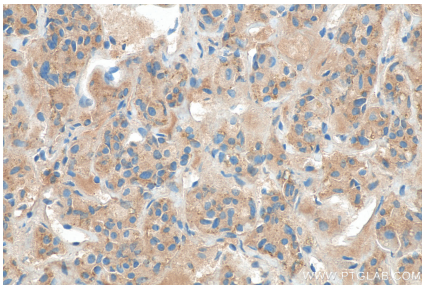
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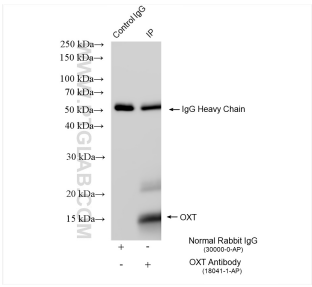
Selected Validation Data



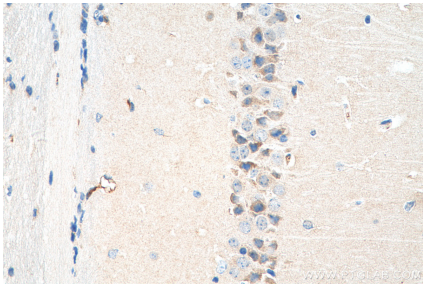
Immunohistochemical analysis of paraffin-embedded human pituitary tissue slide using 18041-1-AP (OXT antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pituitary tissue slide using 18041-1-AP (OXT antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-OXT (IP:18041-1-AP, 4ug; Detection:18041-1-AP 1:300) with mouse pituitary gland tissue lysate 1440 ug.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 18041-1-AP (OXT antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).