

Rabbit Preprooxytocin (OT) Polyclonal Antibody | anti-OT antibody

Polyclonal Antibody to Preprooxytocin (OT)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA147908	Rabbit	Mouse, Human, Rat	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

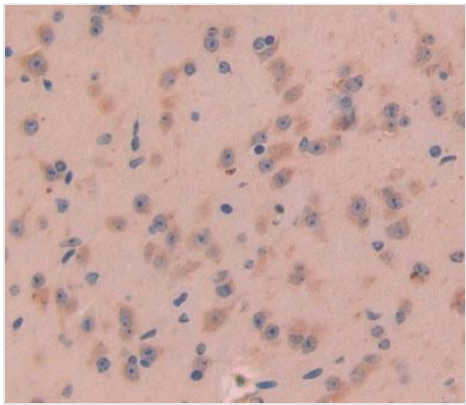
PRODUCT SYNONYMS

Preprooxytocin (OT); Polyclonal Antibody; Polyclonal Antibody to Preprooxytocin (OT); OXT; Oxytocin; Prepropeptide; Prepro-Neurophysin I; Oxytocin-Neurophysin 1; anti-OT antibody

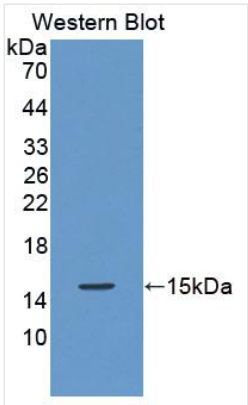
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against OT. It has been selected for its ability to recognize OT in immunohistochemical staining and western blotting.
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence Length	125
Applicable Applications for anti-OT antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Preprooxytocin (OT)
Cross Reactivity	Mouse
Buffer Formulation	0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin-embedded brain tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754960
NCBI GeneID	18429
NCBI Accession #	NP_035155.1
NCBI GenBank Nucleotide #	NM_011025.4
UniProt Accession #	Q545V4; P35454
Molecular Weight	12,851 Da
NCBI Official Full Name	oxytocin-neurophysin 1 preproprotein
NCBI Official Synonym Full Names	oxytocin
NCBI Official Symbol	Oxt
NCBI Official Synonym Symbols	OT; Oxy
NCBI Protein Information	oxytocin-neurophysin 1
UniProt Protein Name	Oxytocin
UniProt Gene Name	Oxt

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/preprooxytocin-ot-antibody-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/147908>