



# Anti-Oxytocin polyclonal antibody (DPAB2374)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Polyclonal Antibody to Oxytocin
<b>Specificity</b>	Oxytocin is synthesized in nerve cell bodies in the supraoptic nucleus and paraventricular nucleus, and carried by axonal transport to the neural stalk and pars nervosa where they are stored. Oxytocin nerve terminals can also be found throughout the CNS,
<b>Immunogen</b>	Oxytocin conjugated to bovine thyroglobuline
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Pig
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-Fr
<b>Positive Control</b>	Frozen sections of pig pituitary
<b>Format</b>	Rabbit serum
<b>Size</b>	50 µl
<b>Buffer</b>	Dissolve in 50–100 µl distilled water, and dilute further with 0.1M PBS with 1% BSA and 0.1% NaN <sub>3</sub>
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	At 2°C-8°C (undiluted) or at -20°C (aliquots)

## BACKGROUND

<b>Introduction</b>	Oxytocin is posterior pituitary hormone which is synthesized as an inactive precursor in the hypothalamus along with its carrier protein neurophysin I. Together with neurophysin, it is packaged into neurosecretory vesicles and transported axonally to the
<b>Keywords</b>	Neurophysin 1 Precursor; Ocytocin; OT; OT NPI; OXT; Oxy; Oxytocin neurophysin 1 precursor; Oxytocin Neurophysin preproprotein; Oxytocin prepro (neurophysin I); Oxytocin prepropeptide