

Product datasheet for **BP5058**

Oxytocin neurophysin 1 (OXT) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC
Recommended Dilution:	Immunohistochemistry Frozen Sections. Immunofluorescence (1/400-1/800) using FITC. <i>Incubation time:</i> overnight at 4°C. <i>Recommended Positive Control:</i> Frozen sections of pig pituitary.
Reactivity:	Porcine
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Oxytocin conjugated to bovine thyroglobuline
Specificity:	This antibody reacts with Oxytocin. Absorption with 10 - 100 µg immunogen per ml diluted antiserum abolishes staining.
Formulation:	State: Serum State: Lyophilized serum
Reconstitution Method:	Dissolve in 50 - 100 µl distilled water, and dilute further with 0.1 M PBS containing 1% BSA and 0.1% sodium azide
Conjugation:	Unconjugated
Storage:	Store original vial at 2-8°C. Following reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	oxytocin/neurophysin I prepropeptide
Database Link:	Entrez Gene 5020 Human P01178
Background:	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, even reaching the lower spinal cord.



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Synonyms: OXT, Ocytocin

Protein Families: Secreted Protein