

## Product datasheet

### anti-Oxytocin rabbit polyclonal, serum

#### Short overview

<b>Cat. No.</b>	16083
<b>Quantity</b>	50 µl (lyoph.)

#### Product description

<b>Host</b>	Rabbit
<b>Antibody Type</b>	Polyclonal
<b>Immunogen</b>	Oxytocin conjugated to bovine thyroglobuline
<b>Formulation</b>	Lyophilized; reconstitute in 100 µl dist. water
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Undiluted antiserum
<b>Storage before reconstitution</b>	2-8°C until indicated expiry date
<b>Storage after reconstitution</b>	Up to 3 months at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
<b>Intended use</b>	Research use only
<b>Application</b>	IHC
<b>Reactivity</b>	Pig

#### Applications

<b>Immunohistochemistry (IHC) - frozen</b>	1:400-1:800
--	-------------

#### 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. Absorption with 10-100 µg immunogen per ml diluted antiserum abolishes staining.

Positive control: frozen sections of pig pituitary.

#### Product images



anti-Oxytocin rabbit polyclonal, serum