

Data Sheet

OXYTOCIN

ANTIBODY, POLYCLONAL

Catalog no.:	AS1005.1 / AS1005.2
Immunogen:	Synthetic Oxytocin, bovine thyroglobulin conjugated
Swiss-Prot No:	P01175
Gene Information:	Gene Name: OXT
	GeneID: 280888
Host:	Rabbit
Matrix:	Serum
Specificity:	Human, bovine and other species Oxytocin
	No cross reaction was obtained with Lys-/Arg-vasopressin, neurophysin, or pituitary hormones (e.g. prolactin)
Contents:	20 µl / 100 µl (lyophilized)
	Resuspend in 20 µl / 100 µl aqua bidest.
Known applications:	RIA (1: 80 000)[1, 2, 3, 4, 5], Western Blot, immunohistochemistry (paraffin sections, 1:500)[5]
	This antibody has not been tested for use in all applications. This does not necessarily exclude its use for non-tested procedures. The stated dilutions are recommendations only. We suggest that the applicant titrates the antibody in his/her system using appropriate negative/positive controls.
Store at:	2-8 °C (lyophilized); - 20 °C (dissolved)
	Repeated thawing and freezing must be avoided

References:

1. Schams D, Schmidt-Polex B, Kruse V (1979). Oxytocin determination by radioimmunoassay in cattle. I. Method and preliminary physiological data. *Acta Endocrinol* **92**(2):258-270.

2. Schams D, Lahlou-Kassi A, Glatzel P (1982). Oxytocin concentrations in peripheral blood during the oestrous cycle and after ovariectomy in two breeds of sheep with low and high fecundity. *J Endocrinol* **92**(1):9-13.

3. Schams D (1983). Oxytocin determination by radioimmunoassay. III. Improvement to subpicogram sensitivity and application to blood levels in cyclic cattle. *Acta Endocrinol* **103**(2):180-183.

4. Walters DL, Schams D, Schallenberger E (1984). Pulsatile secretion of gonadotrophins, ovarian steroids and ovarian oxytocin during the luteal phase of the oestrous cycle in the cow. *J Reprod Fertil* **71**(2):479-491.

5. Kruip TA, Vullings HG, Schams D, Jonis J, Klarenbeek A (1985). Immunocytochemical demonstration of oxytocin in bovine ovarian tissues. *Acta Endocrinol* **109**(4):537-542.

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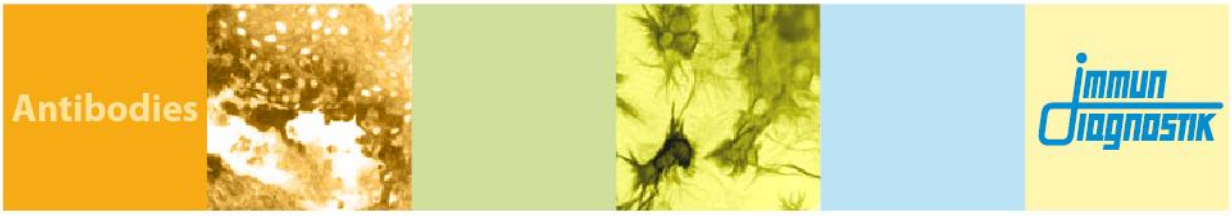

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