

Goat anti-Oxytocin Receptor Antibody

Item Number	dAP-0843
Target Molecule	Principle Name: Oxytocin Receptor; Official Symbol: OXTR; All Names and Symbols: OXTR; oxytocin receptor; OT-R; OTR; Accession Number (s): NP_000907.2; Human Gene ID(s): 5021; Non-Human GeneID (s): 18430 (mouse) 25342 (rat)
Immunogen	LRTTRQKHSRL, is from internal region
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Preliminary experiments in human placenta lysates gave no specific signal but low background (at antibody concentration up to 0.3 µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other
IHC	
Reference	Reference(s): Windle RJ, Gamble LE, Kershaw YM, Wood SA, Lightman SL, Ingram CD. Gonadal steroid modulation of stress-induced hypothalamo-pituitary-adrenal activity and anxiety behavior: role of central oxytocin. <i>Endocrinology</i> . 2006 Jan 26; [Epub ahead of print]. PMID: 16439458 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**