

Product datasheet for TA357607

Oxytocin Receptor (OXTR) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human OXYR
Specificity:	Expected reactivity: Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat Homology: Cow: 92%; Dog: 92%; Horse: 100%; Human: 100%; Mouse: 92%; Pig: 92%; Rabbit: 92%; Rat: 92%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	42 kDa
Gene Name:	oxytocin receptor
Database Link:	NP_000907.2 Entrez Gene 5021 Human P30559
Background:	The protein encoded by this gene belongs to the G-protein coupled receptor family and acts as a receptor for oxytocin. Its activity is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system. The oxytocin-oxytocin receptor system plays an important role in the uterus during parturition.



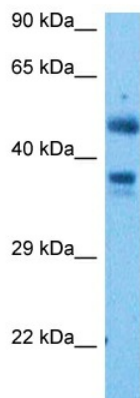
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Synonyms: OT-R

Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Calcium signaling pathway, Neuroactive ligand-receptor interaction

Product images:



Host: Rabbit
Target Name: OXYR
Sample Type: Uterus Tumor Lysate
Antibody Dilution: 1.0 μ g/ml

Host: Rabbit
Target Name: OXYR
Sample Tissue: Human Uterus Tumor lysates
Antibody Dilution: 1 μ g/ml