

Product datasheet for **TA351476**

Oxytocin Receptor (OXTR) Rabbit Polyclonal Antibody

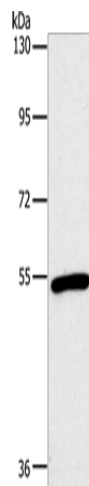
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse heart tissue
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human OXTR
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	43 kDa
Gene Name:	oxytocin receptor
Database Link:	NP_000907 Entrez Gene 18430 Mouse Entrez Gene 25342 Rat 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.
Synonyms:	OT-R
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Calcium signaling pathway, Neuroactive ligand-receptor interaction



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Product images:



Gel: 8%SDS-PAGE

Lysate: 40 μ g

Lane: Mouse heart tissue

Primary antibody: TA351476 (OXTR Antibody) at dilution 1/866

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute