

Immunotag™ OXTR Polyclonal Antibody

| Antibody Specification | |
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| Catalog No. | ITN2672 |
| Product Description | Immunotag™ OXTR Polyclonal Antibody |
| Size | 50 µg, 100 µg |
| Conjugation | HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647 |
| IMPORTANT NOTE | This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return. |
| Target Protein | OXYR |
| Clonality | Polyclonal |
| Storage/Stability | -20°C/1 year |
| Application | WB,ELISA |
| Recommended Dilution | WB 1:500-2000 ELISA 1:5000-20000 |
| Concentration | 1 mg/ml |
| Reactive Species | Human,Rat,Mouse |
| Host Species | Rabbit |
| Immunogen | Synthesized peptide derived from human protein, at AA range: 10-90 |
| Specificity | OXYR Polyclonal Antibody detects endogenous levels of protein. |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen |
| Form | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. |
| Gene Name | OXTR |
| Accession No. | P30559 P97926 P70536 |
| Description | oxytocin receptor(OXTR) Homo sapiens 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. [provided by RefSeq, Jul 2008], |
| Cell Pathway/ Category | Calcium,Neuroactive ligand-receptor interaction, |

Antibody Specification

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| Protein Expression | Brain,Ovary,Uterus, |
| Subcellular Localization | intracellular,plasma membrane,integral component of plasma membrane,microvillus,cell-cell adherens junction,integral component of membrane,apical plasma membrane, |
| Protein Function | function:Receptor for oxytocin. The activity of this receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system.,online information:Oxytocin entry,similarity:Belongs to the G-protein coupled receptor 1 family., |
| Usage | For Research Use Only! Not for diagnostic or therapeutic procedures. |