

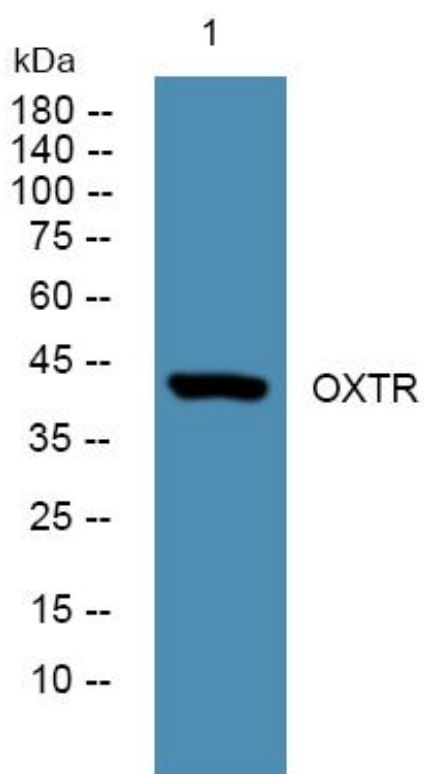


# OXTR Monoclonal Antibody

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | YP-mAb-07526                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Reactivity</b>                | Human;Rat;Mouse                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Applications</b>              | WB                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Gene Name</b>                 | OXTR                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Protein Name</b>              | Oxytocin receptor (OT-R)                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Immunogen</b>                 | Synthesized peptide derived from human protein . at AA range: 10-90                                                                                                                                                                                                                                                                                                                                       |
| <b>Specificity</b>               | OXYR Monoclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                                                                                                            |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>                    | Monoclonal, Mouse,IgG                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Purification</b>              | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                      |
| <b>Dilution</b>                  | WB 1:500-1:2000                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Concentration</b>             | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Purity</b>                    | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Storage Stability</b>         | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Synonyms</b>                  |                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Observed Band</b>             | 42kD                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Cell Pathway</b>              | Cell membrane; Multi-pass membrane protein.                                                                                                                                                                                                                                                                                                                                                               |
| <b>Tissue Specificity</b>        | Brain,Ovary,Uterus,                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Function</b>                  | 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.,                                                                                                                                          |
| <b>Background</b>                | 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], |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                                                                                                      |

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Western Blot analysis of various cells using OXTR Monoclonal Antibody