

Anti-Oxytocin R Polyclonal Antibody

Product Details

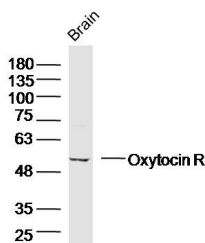
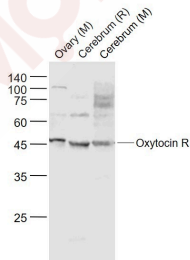
Ig Type: IgG
Reactivity: Human, Mouse, Rat
Molecular Weight: Theoretical: 43 kDa. Actual: 46 kDa.
Purification: Protein A purified

Applications

1. Sample:
Lane 1: Ovary (Mouse) Lysate at 40 μ g
Lane 2: Cerebrum (Rat) Lysate at 40 μ g
Lane 3: Cerebrum (Mouse) Lysate at 40 μ g
Primary: Anti-Oxytocin R (TMAB-01310) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 42 kDa
Observed band size: 42 kDa

2. Sample:
Brain (Mouse) Lysate at 40 μ g
Primary: Anti-Oxytocin R (TMAB-01310) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 43 kDa
Observed band size: 53 kDa

Verified Activity:



Application: WB
Recommended WB: 1:500-2000

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: mouse oxytocin receptor

Antigen Species: Mouse

Gene ID: 18430

Uniprot ID: P97926

Synonyms: OTR1;OTR;OXT R;OXTR;OXYR;OTR 1;OT-R;Oxytocin receptor

Research 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. [provided by RefSeq, Jul 2008]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481