bs-1314R

[Primary Antibody]

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Oxytocin R Rabbit pAb

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 18430 **SWISS:** P97926

Target: Oxytocin R

Immunogen: KLH conjugated synthetic peptide derived from mouse oxytocin

receptor: 325-388/388. < Cytoplasmic >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: he 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]

Applications: WB (1:500-2000)

Reactivity: Human, Mouse, Rat

(predicted: Pig, Cow, Dog,

Horse)

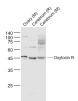
Predicted MW.: 43 kDa

Subcellular Cell membrane

VALIDATION IMAGES



Sample: Brain (Mouse) Lysate at 40 ug Primary: Anti-Oxytocin R (bs-1314R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 43 kD Observed band size: 53 kD



Sample: Lane 1: Ovary (Mouse) Lysate at 40 ug Lane 2: Cerebrum (Rat) Lysate at 40 ug Lane 3: Cerebrum (Mouse) Lysate at 40 ug Primary: Anti-Oxytocin R (bs-1314R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 42 kD Observed band size: 42 kD

- SELECTED CITATIONS -

- [IF=8.008] Kaho Nakamura. et al. Probing the Spatiotemporal Dynamics of Oxytocin in the Brain Tissue Using a Simple Peptide Alkyne-Tagging Approach. ANAL CHEM. 2022;94(35):11990–11998 IHC; Mouse. 36008880
- [IF=4.7] Masroor Badshah. et al. Age-Dependent Effects of Oxytocin and Oxytocin Receptor Antagonists on Bladder Contractions: Implications for the Treatment of Overactive Bladder Syndrome. BIOMEDICINES. 2024 Mar;12(3):674 IHC: Rat. 38540287
- [IF=4.966] Korie Sondgeroth. et al. The Endometrium Contributes to the Differential Contractile Response to Oxytocin of Uterine Tissue from Virgin and Proven Breeder Non-pregnant Rats. 2021 May 14 IHC; Rat. 10.1096/fasebj.2021.35.S1.05268
- [IF=4.2] Zhang, Fengwei, et al. "Seasonal Expression of Oxytocin and Oxytocin Receptor in the Scented Gland of Male

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