

Oxytocin Receptor Rabbit pAb

Catalog No.: A18686

Basic Information

Observed MW

46kDa/67kDa

Calculated MW

43kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Mouse, Rat

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.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

5021

Swiss Prot

P30559

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 300-394 of human Oxytocin Receptor (NP_000907.2).

Synonyms

OTR; OT-R; Oxytocin Receptor

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

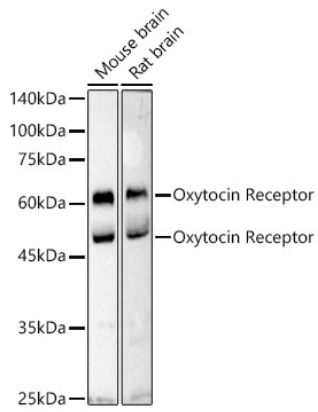
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using Oxytocin Receptor Rabbit pAb (A18686) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.