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Research Use Only. Not for diagnostic or therapeutic use.

EB13096 - Goat Anti-Oxytocin Receptor Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names:
Official Symbol: OXTR

Accession Number(s): NP_000907.2

Human GeneID(s): 5021

Immunogen

Peptide with sequence ANAPKEASAFIIVC, from the internal region of the protein sequence according to NP_000907.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

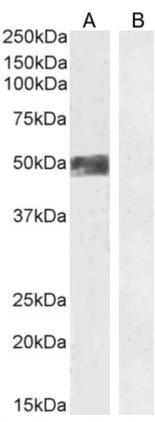
Western blot: Approx 50kDa band observed in Human Ovary lysate and in preliminary testing of Human Uterus lysate (calculated MW of 42.8kDa according to Human NP_000907.2). This molecular weight is observed by other sources and was successfully blocked by incubation with the immunising peptide. Recommended concentration: 1-3ug/ml. Primary incubation 1 hour at room temperature.

IHC: Paraffin embedded Human Ovary. Recommended concentration: 4-6µg/ml. Some positive staining of stromal cells was also seen in paraffin embedded Human Prostate.

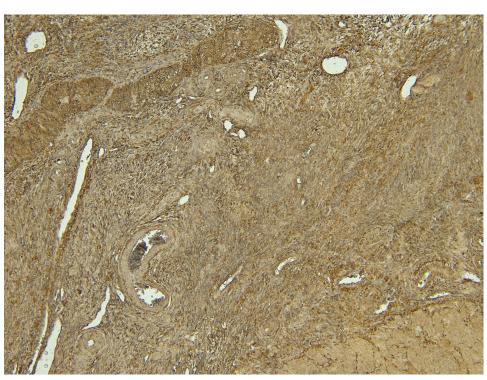
Species Reactivity

Tested: Human

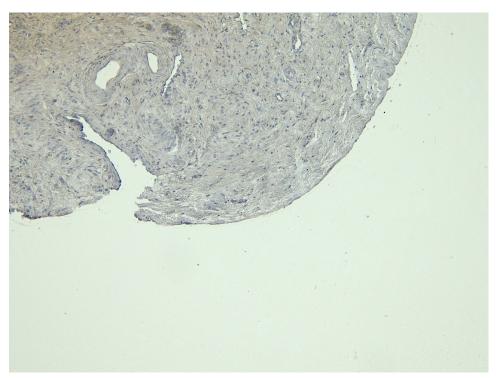
Expected from sequence similarity: Human



EB13096 (3μg/ml) staining of Human Ovary (A) + peptide (B) lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB13096 (6µg/ml) staining of paraffin embedded Human Ovary. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



 ${\tt EB13096\ Negative\ Control\ showing\ staining\ of\ paraffin\ embedded\ Human\ Ovary,\ with\ no\ primary\ antibody.}$