

Rabbit Oxytocin Receptor Polyclonal Antibody | anti-OXTR antibody

Phospho-Oxytocin Receptor (Thr235) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329429	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)	ELISA, Immunohistochemistry, Western Blot

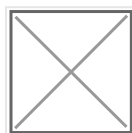
PRODUCT SYNONYMS

Oxytocin Receptor; Polyclonal Antibody; Phospho-Oxytocin Receptor (Thr235) Antibody; OT R; OT-R; OTR 1; OTR; OTR1; OXT R; Oxt; OXYR_HUMAN; Oxytocin receptor; anti-OXTR antibody

PRODUCT SPECIFICATIONS

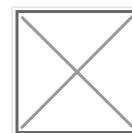
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Phospho-Oxytocin Receptor (Thr235) Antibody detects endogenous levels of Oxytocin Receptor only when phosphorylated at Thr235.
Purity/Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-OXTR antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Oxytocin Receptor around the phosphorylation site of Thr235.
Conjugation	Unconjugated
Fragment	Fab fragment
Similarity	Belongs to the G-protein coupled receptor 1 family. Vasopressin/oxytocin receptor subfamily.
Subcellular Location	Cell membrane>Multi-pass membrane protein.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

At 1/100 staining Mouse lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)

Staining Rat lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from Jurkat , using Phospho-Oxytocin Receptor(Thr235) Antibody. Lane1 was treated with phospho-blocking peptide, Lane2 was treated with non-phospho-blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-OXTR antibody	Receptor for oxytocin. The activity of this receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	32307152
NCBI GeneID	5021
NCBI Accession #	NP_000907.2
NCBI GenBank Nucleotide #	NM_000916.3
UniProt Accession #	P30559; Q15071
Molecular Weight	42,772 Da
NCBI Official Full Name	oxytocin receptor
NCBI Official Synonym Full Names	oxytocin receptor
NCBI Official Symbol	OXTR
NCBI Official Synonym Symbols	OT-R
NCBI Protein Information	oxytocin receptor
UniProt Protein Name	Oxytocin receptor
UniProt Gene Name	OXTR
UniProt Synonym Gene Names	OT-R
UniProt Entry Name	OXYR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/oxytocin-receptor-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/329429>