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anti-Oxytocin Receptor antibody (AA 6-75)





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Quantity:	100 μL
Target:	Oxytocin Receptor (OXTR)
Binding Specificity:	AA 6-75
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Oxytocin Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Oxytocin Receptor (OXTR)
Immunogen:	Recombinant Oxytocin Receptor (OXTR) corresdonding to Ala6~Phe75 (Accession # P97926) with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against OXTR. It has been selected for its ability to recognize OXTR in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

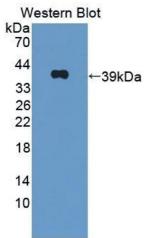
Target:	Oxytocin Receptor (OXTR)
Alternative Name:	Oxytocin Receptor (OXTR Products)
Background:	OT-R
Pathways:	Myometrial Relaxation and Contraction, Feeding Behaviour

Application Details	
Application Notes:	Western blotting: 0.5-2 μg/mL
	1:230-900 Immunohistochemistry: 5-20 µg/mL
	1:23-90 Immunocytochemistry: 5-20 μg/mL
	1:23-90 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without
	detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



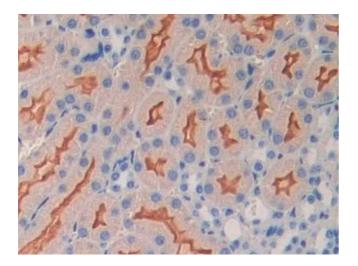
Western Blotting

Image 1. Detection of OXTR in Mouse Testis lysate using Polyclonal Antibody to Oxytocin Receptor (OXTR)



Western Blotting

Image 2. Detection of Recombinant OXTR, Mouse using Polyclonal Antibody to Oxytocin Receptor (OXTR)



Immunohistochemistry

Image 3. Detection of OXTR in Mouse Kidney Tissue using Polyclonal Antibody to Oxytocin Receptor (OXTR)