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anti-Oxytocin Receptor antibody (N-Term)

Ig Fraction





Overview	
Quantity:	400 μL
Target:	Oxytocin Receptor (OXTR)
Binding Specificity:	AA 8-36, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)
Product Details	
Immunogen:	This OXTR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 8-36 amino acids from the N-terminal region of human OXTR.
Clone:	RB36838

Target Details

Isotype:

Purification:

Target:	Oxytocin Receptor (OXTR)
Alternative Name:	OXTR (OXTR Products)
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

This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

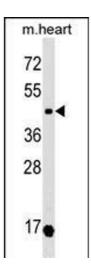
	system plays an important role in the uterus during parturition.
Molecular Weight:	42772
Gene ID:	5021
NCBI Accession:	NP_000907
UniProt:	P30559
Pathways:	Myometrial Relaxation and Contraction, Feeding Behaviour

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	OXTR Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. OXTR Antibody (N-term) (ABIN1539559 and ABIN2849236) western blot analysis in mouse heart tissue lysates (35 μ g/lane). This demonstrates the OXTR antibody detected the OXTR protein (arrow).