



Anti-OXTR (C-terminal) polyclonal antibody (DPAB-DC2072)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	A synthetic peptide corresponding to C-terminus of human OXTR. The sequence is C-RRLGETSASKKSN
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	IF, ELISA,
Format	Liquid
Size	100 µg
Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	OXTR oxytocin receptor [Homo sapiens (human)]
Official Symbol	OXTR
Synonyms	OXTR; oxytocin receptor; OT-R;
Entrez Gene ID	5021
Protein Refseq	NP_000907
UniProt ID	B2R9L7
Chromosome Location	3p25
Pathway	Calcium signaling pathway; Class A/1 (Rhodopsin-like receptors); GPCR downstream signaling; GPCRs, Class A Rhodopsin-like
Function	oxytocin receptor activity; peptide hormone binding; vasopressin receptor activity;