

Product Datasheet

OXTR Antibody NBP1-28487

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-28487**OXTR Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris (pH 7.3), 0.5% BSA
Product Description	
Host	Goat
Gene ID	5021
Gene Symbol	OXTR
Species	Human, Rat
Immunogen	Peptide with sequence C-RRLGETSASKKSN corresponding to C-Terminus according to NP_000907.2.
Notes	Please note, this antibody is considered Innovators Grade. Innovators Grade antibodies are generally unvalidated and require additional characterization for most new species/applications. Novus has made these antibodies available through our Innovators Reward program. Complete an online review with image, detailing your positive or negative results. In return, you receive a discount voucher for 100% of the purchase price of the reviewed product. Please contact us at innovators@novusbio.com for more details.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 1-3ug/ml, Immunohistochemistry 2 - 4 ug/ml, Immunocytochemistry/ Immunofluorescence 5 - 10 ug/ml, Immunohistochemistry-Paraffin 2-4 ug/ml, Peptide ELISA detection limit 1:16000
Application Notes	IF: Human Prostate stromal cells with strong cytoplasm staining provided by Maree Gould, University of Otago, New Zealand. Data obtained from a previous batch (different goat). ICC: PC3 cells with localized cytoplasm staining provided by Maree Gould, University of Otago, New Zealand. Data obtained from a previous batch (different goat). WB: Approx. 75 kDa band observed in rat uterus lysates, but none in rat skeletal muscle lysates are reported in scientific literature (PMID: 15459766). IHC-P: Human prostate cancer shows staining of the stromal component of smooth muscle.



Publications

Xiao L, Zhang Q, Huang X et al. Endometrial stromal cell MiR-29c-3p microRNA regulates uterine contraction
Reproduction 2019-10-01 [PMID: 31671404]

Meynen G, Unmehopa UA, Hofman MA et al. Hypothalamic oxytocin mRNA expression and melancholic depression.
Mol Psychiatry 2007-02-01 [PMID: 17252002]

Whittington K, Assinder S, Gould M et al. Oxytocin, oxytocin-associated neurophysin and the oxytocin receptor in the human prostate. Cell Tissue Res 2004-11-01 [PMID: 15459766]



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis.
Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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