

# Product Datasheet

## OXTR Antibody NBP2-76347

Unit Size: 0.1 mg

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

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**NBP2-76347****OXTR Antibody**

| <b>Product Information</b> |                                                        |
|----------------------------|--------------------------------------------------------|
| <b>Unit Size</b>           | 0.1 mg                                                 |
| <b>Concentration</b>       | 0.5 mg/ml                                              |
| <b>Storage</b>             | Store at -20C. Avoid freeze-thaw cycles.               |
| <b>Clonality</b>           | Polyclonal                                             |
| <b>Preservative</b>        | 0.02% Sodium Azide                                     |
| <b>Isotype</b>             | IgG                                                    |
| <b>Purity</b>              | Immunogen affinity purified                            |
| <b>Buffer</b>              | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |

| <b>Product Description</b> |                                                                                                                                                                                          |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Novus Biologicals Goat OXTR Antibody (NBP2-76347) is a polyclonal antibody validated for use in IHC, ELISA and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                | Goat                                                                                                                                                                                     |
| <b>Gene ID</b>             | 5021                                                                                                                                                                                     |
| <b>Gene Symbol</b>         | OXTR                                                                                                                                                                                     |
| <b>Species</b>             | Human                                                                                                                                                                                    |
| <b>Immunogen</b>           | Peptide with sequence C-LRTTRQKHSRL corresponding to internal region according to NP_000907.2.                                                                                           |

| <b>Product Application Details</b> |                                                                                                                                                                                                                              |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                | Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Peptide ELISA                                                                                                                                           |
| <b>Recommended Dilutions</b>       | Flow Cytometry 10 ug/mL, Immunohistochemistry 8 ug/mL, Immunohistochemistry-Paraffin 8 ug/mL, Peptide ELISA Detection limit 1:64000                                                                                          |
| <b>Application Notes</b>           | Western blot: Preliminary experiments showed bands at 55 kDa and 26 kDa in Human Ovary and Breast lysates. Both bands were successfully blocked by incubation with the immunizing peptide at antibody concentration 2 ug/mL. |

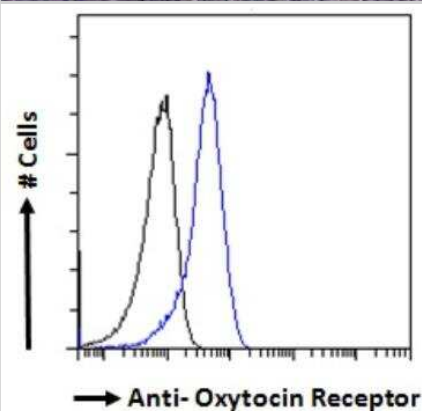


## Images

Immunohistochemistry-Paraffin: OXTR Antibody [NBP2-76347] - Negative Control showing staining of paraffin embedded Human Ovary, with no primary antibody.



Flow Cytometry: OXTR Antibody [NBP2-76347] - Analysis of paraformaldehyde fixed Jurkat cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Immunohistochemistry-Paraffin: OXTR Antibody [NBP2-76347] - Staining of paraffin embedded Human Ovary with antibody at 8 ug/mL. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.





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### **Products Related to NBP2-76347**

|                 |                                                                        |
|-----------------|------------------------------------------------------------------------|
| HAF017          | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109          | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB410-28088-1mg | Goat IgG Isotype Control                                               |
| M6000B-1        | IL-6 [HRP]                                                             |

### **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.

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