

## Rabbit Preprooxytocin (OT) Polyclonal Antibody | anti-OT antibody

Polyclonal Antibody to Preprooxytocin (OT)

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                                 |
|-----------|--------|-------------------|------------------------------------------------------------------------------|
| AAA149703 | Rabbit | Human, Mouse, Rat | Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot |

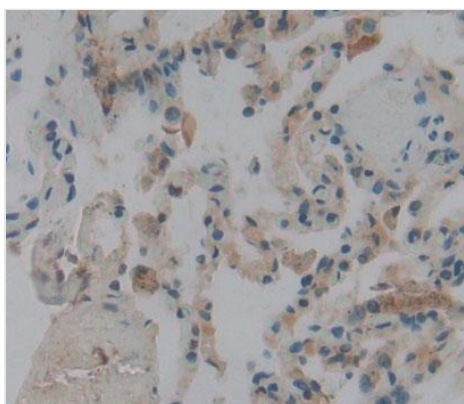
### PRODUCT SYNONYMS

Preprooxytocin (OT); Polyclonal Antibody; Polyclonal Antibody to Preprooxytocin (OT); OXT; Oxytocin; Prepropeptide; Prepro-Neurophysin I; Oxytocin-Neurophysin 1; anti-OT antibody

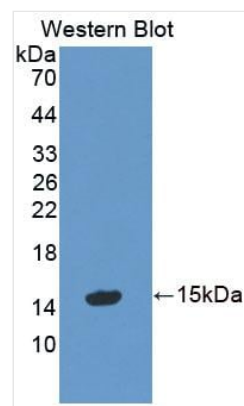
### PRODUCT SPECIFICATIONS

|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                         | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Reactivity                                   | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Clonality                                    | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Specificity                                  | The antibody is a rabbit polyclonal antibody raised against OT. It has been selected for its ability to recognize OT in immunohistochemical staining and western blotting.                                                                                                                                                                                                                                                                                                 |
| Purity/Purification                          | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                                                                                                                                                                                                                                                                                                                     |
| Form/Format                                  | Liquid; PBS, pH7.4, containing 0.02% NaN <sub>3</sub> , 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                      |
| Concentration                                | 500ug/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Applicable Applications for anti-OT antibody | IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                         |
| Cross Reactivity                             | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Conjugation                                  | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Preparation and Storage                      | Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 12 months.<br>Avoid repeated freeze/thaw cycles.<br>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 degree 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. |

### IMAGES



IHC (Immunohistochemistry)  
DAB staining on formalin fixed paraffin-embedded lung tissue



WB (Western Blot)  
Western Blot

ADDITIONAL INFORMATION

|                                                |               |
|------------------------------------------------|---------------|
| Product Categories/Family for anti-OT antibody | Endocrinology |
|------------------------------------------------|---------------|

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/preprooxytocin-ot-antibody-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/149703>