

## Product Datasheet

### CHAT Antibody (orb1247993)

| Description         | CHAT Antibody                                                                                                                                                                                                                           |  250kDa<br>150kDa<br>100kDa |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Species/Host        | Goat                                                                                                                                                                                                                                    |  50kDa<br>37kDa             |
| Reactivity          | Human                                                                                                                                                                                                                                   |  25kDa<br>20kDa             |
| Conjugation         | Unconjugated                                                                                                                                                                                                                            |  15kDa<br>10kDa             |
| Tested Applications | ELISA, WB                                                                                                                                                                                                                               | orb1247993<br>(0.03 ug/ml)<br>staining of<br>Huma...                                                           |
| Immunogen           | The immunogen for this antibody is: CKEKATRPSQGHQP                                                                                                                                                                                      |                                                                                                                |
| Target              | CHAT                                                                                                                                                                                                                                    |                                                                                                                |
| Preservatives       | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.                                                                             |                                                                                                                |
| Form/Appearance     | Liquid                                                                                                                                                                                                                                  |                                                                                                                |
| Concentration       | 500 ug/mL                                                                                                                                                                                                                               |                                                                                                                |
| Storage             | Aliquot and store at -20°C. Minimize freezing and thawing.                                                                                                                                                                              |                                                                                                                |
| Note                | For research use only                                                                                                                                                                                                                   |                                                                                                                |
| Application notes   | Peptide ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx 70kDa band observed in Human Placenta lysates (calculated MW of 70.5kDa according to NP_065574 and NP_066264). Recommended concentration: 0.03-0.3ug/ml. |                                                                                                                |
| Clonality           | Polyclonal                                                                                                                                                                                                                              |                                                                                                                |
| Uniprot ID          | <a href="#">P28329</a>                                                                                                                                                                                                                  |                                                                                                                |
| NCBI                | <a href="#">NP_066264.3</a> , <a href="#">NP_001136405.1</a> , <a href="#">NP_065574.3</a>                                                                                                                                              |                                                                                                                |
| Dilution Range      | Peptide ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx 70kDa band observed in Human Placenta lysates (calculated MW of 70.5kDa according to NP_065574 and NP_066264). Recommended concentration: 0.03-0.3ug/ml. |                                                                                                                |
| Expiration Date     | 12 months from date of receipt.                                                                                                                                                                                                         |                                                                                                                |