

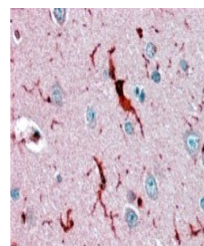
## Product Datasheet

### GPX1 antibody (orb19249)

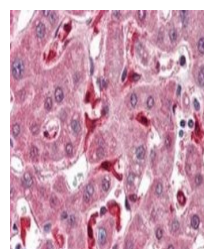
|                            |                                                                                                                                                                                                                                                                                                                                              |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Goat polyclonal antibody to GPX1                                                                                                                                                                                                                                                                                                             |
| <b>Species/Host</b>        | Goat                                                                                                                                                                                                                                                                                                                                         |
| <b>Reactivity</b>          | Human                                                                                                                                                                                                                                                                                                                                        |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                                                                                                                                                                                                                 |
| <b>Tested Applications</b> | ELISA, IHC, WB                                                                                                                                                                                                                                                                                                                               |
| <b>Target</b>              | Glutathione Peroxidase 1 (isoform1)                                                                                                                                                                                                                                                                                                          |
| <b>Preservatives</b>       | 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.                                                                                                                                                                                  |
| <b>Storage</b>             | Aliquot and store at -20°C. Minimize freezing and thawing.                                                                                                                                                                                                                                                                                   |
| <b>Note</b>                | For research use only                                                                                                                                                                                                                                                                                                                        |
| <b>Application notes</b>   | ELISA: Peptide ELISA: antibody detection limit dilution 1:32000.IHC: In paraffin embedded Human Cerebral Cortex shows staining of microglia. Recommended concentration, 3-5ug/ml.WB: Approx 22kDa band observed in Human Liver and Kidney lysates (calculated MW of 22.1kDa according to NP_000572.2). Recommended concentration: 1-3 µg/ml. |
| <b>Protein Sequence</b>    | REALPAPSDDATA                                                                                                                                                                                                                                                                                                                                |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                                                                                                                                   |
| <b>MW</b>                  | 22.1                                                                                                                                                                                                                                                                                                                                         |
| <b>Entrez</b>              | <b>2876</b>                                                                                                                                                                                                                                                                                                                                  |
| <b>Dilution Range</b>      | ELISA: 1:32000, WB: 1-3 µg/ml, IHC-P: 20 µg/ml                                                                                                                                                                                                                                                                                               |
| <b>Expiration Date</b>     | 12 months from date of receipt.                                                                                                                                                                                                                                                                                                              |



Western blot analysis  
of Human Liver Lys...



Immunohistochemical  
staining of Human  
Ce...



Immunohistochemical  
staining of Human  
Li...