# Product Datasheet

## TPPP Antibody (orb1248919)

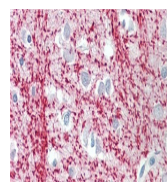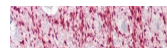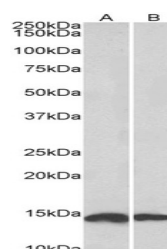| | |
|---|---|
| **Description** | TPPP Antibody |
| **Species/Host** | Goat |
| **Reactivity** | Human, Mouse, Rat |
| **Conjugation** | Unconjugated |
| **Tested Applications** | ELISA, IHC, WB |
| **Immunogen** | The immunogen for this antibody is: C-DPSKDRAAKRLSLES |
| **Target** | TPPP |
| **Preservatives** | 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 26kDa band observed in Human Brain (Cerebellum), Mouse and Rat Brain lysates (calculated MW of 23.7kDa according to NP_008961.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Acevedo et al, Exp Cell Res. 2007 Dec 10;313(20):4091-106; PMID: 18028908). Recommended concentration: 0.001-0.01ug/ml. Primary incubation was 1 hour. An additional band of unknown identity was also consistently observed at 17kDa. This band was successfully blocked by incubation with the immunizing peptide.Immunohistochemistry:In paraffin embedded Human Cerebellum shows strong staining of axonal bundles through the granular layer. Recommended concentration: 1-2ug/ml. Paraffin embedded Human Cortex. Recommended concentration: 3.75ug/ml.Additional validation: This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371. |
| **Clonality** | Polyclonal |
| **Uniprot ID** | O94811 |
| **NCBI** | NP_008961.1 |
| **Dilution Range** | Peptide ELISA: antibody detection limit dilution 1:32000.Western Blot:Approx 26kDa band observed in Human Brain (Cerebellum), Mouse and Rat Brain lysates (calculated MW of 23.7kDa according to NP_008961.1). The |

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orb1248919 (0.001 ug/ml) staining of Mou...

orb1248919 (2 ug/ml) staining of paraffi...

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