

## Product Datasheet

### Goat anti-S100B Antibody (orb382929)

|                             |                                                                                                                                                                           |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog Number</b>       | orb382929                                                                                                                                                                 |
| <b>Category</b>             | Antibodies                                                                                                                                                                |
| <b>Description</b>          | Goat polyclonal antibody to S100B                                                                                                                                         |
| <b>Target</b>               | S100B                                                                                                                                                                     |
| <b>Clonality</b>            | Polyclonal                                                                                                                                                                |
| <b>Species/Host</b>         | Goat                                                                                                                                                                      |
| <b>Conjugation</b>          | Unconjugated                                                                                                                                                              |
| <b>Reactivity</b>           | Human                                                                                                                                                                     |
| <b>Buffer/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>Purification</b>         | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.                                     |
| <b>Protein Sequence</b>     | SHFLEEIKEQEVVD                                                                                                                                                            |
| <b>MW</b>                   | 10.7                                                                                                                                                                      |
| <b>Tested applications</b>  | ELISA, IHC, WB                                                                                                                                                            |
| <b>Dilution range</b>       | ELISA: 1:32000, WB: 1-3 µg/ml, IHC-P: 5 µg/ml                                                                                                                             |
| <b>Application notes</b>    | WB: Approx 10kDa band observed in Human Brain (Olfactory Bulb and Cerebellum) lysates (calculated MW of 10.7kDa according to NP_006263.1). Recommended concentration: 1-3 |

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**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Note**

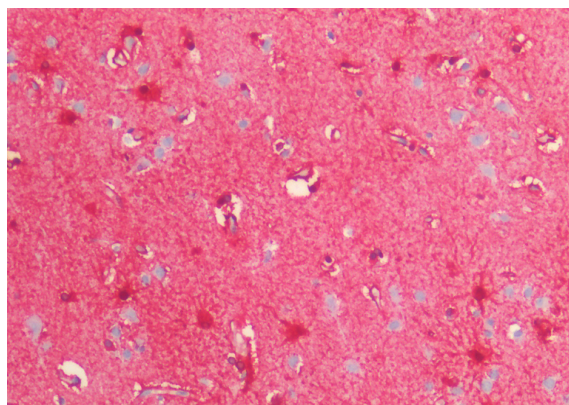
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**Entrez**

**6285**



Western blot analysis of Human Olfactory Bulb (Lane 1) and Cerebellum (Lane 2) lysates using S100B antibody



Immunohistochemical staining of Human Cortex using S100B antibody

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