

Goat anti-S100B Antibody

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| Item Number | dAP-3416 |
| Target Molecule | Principle Name: S100B; Official Symbol: S100B; All Names and Symbols: S100B; S100 calcium binding protein B; NEF; S100; S100-B; S100beta; S-100 calcium-binding protein, beta chain; S-100 protein subunit beta; S100 calcium-binding protein, beta (neural); protein S100-B; Accession Number (s): NP_006263.1; Human Gene ID(s): 6285; Non-Human GeneID(s): |
| Immunogen | SHFLEEIKEQEVVD, is from internal region |
| Applications | Pep ELISA, WB Species Tested: Human |
| Purification | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Supplied As | lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing. |
| Peptide ELISA | Peptide ELISA: antibody detection limit dilution 1 to 32000. |
| Western Blot | Western Blot: Approx 10kDa band observed in Human Brain (Olfactory Bulb and Cerebellum) lysates (calculated MW of 10.7kDa according to NP_006263.1). Recommended concentration: 1-3µg/ml. |
| IHC | |
| Reference | Reference(s): Kim JK, Kim SG, Kim HJ, Song YR. Serum S100B protein is associated with depressive symptoms in patients with end-stage renal disease. Clinical biochemistry 2012 Dec 45 (18): 1573-7..PMID: 22935566-> |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**