

Goat anti-EIF2B4 Antibody

Item Number dAP-2172

Target Molecule Principle Name: EIF2B4; Official Symbol: EIF2B4; All Names and Symbols: EIF2B4; eukaryotic translation initiation factor 2B, subunit 4 delta, 67kDa; DKFZp586J0119; EIF-2B; EIF2B; EIF2Bdelta; eIF-2B GDP-GTP exchange factor subunit delta; eukaryotic translation initiation factor 2B, subunit 4 delta; translation initiation factor; Accession Number (s): NP_751945.2; NP_001029288.1; NP_056451.3; Human Gene ID(s): 8890; Non-Human GenelD(s): 13667 (mouse) 117019 (rat)

Immunogen RKDYGSKVSLFSH, is from internal region
This antibody is expected to recognize all reported isoforms (NP_751945.2; NP_001029288.1; NP_056451.3).

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 16000.

Western Blot Western Blot: Approx 60kDa band observed in lysates of cell line K562 (calculated MW of 59.6kDa according to NP_751945.2). Recommended concentration: 0.3-1 μ g/ml.
An additional band of unknown identity was also consistently observed at 26kDa. This band wa

IHC

Reference Reference(s): Wu Y, Pan Y, Du L, Wang J, Gu Q, Gao Z, Li J, Leng X, Qin J, Wu X, Jiang Y, Identification of novel EIF2B mutations in Chinese patients with vanishing white matter disease. Journal of human genetics 2009 Feb 54 (2): 74-7..PMID: 19158808->

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**