

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 GeneID(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: 0.3-1µg/ml. An additional band of unknown identity was also consistently observed at 26kDa. This band was
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**