

Goat anti-EEF1A2 Antibody

Item Number	dAP-2765
Target Molecule	Principle Name: EEF1A2; Official Symbol: EEF1A2; All Names and Symbols: EEF1A2; eukaryotic translation elongation factor 1 alpha 2; EEF1AL; EF-1-alpha-2; EF1A; FLJ41696; HS1; STN; STNL; OT-THUMP00000031776; eEF1A-2; elongation factor 1-alpha 2; elongation factor-1 alpha; eukaryotic elongation factor 1 A-2; statin S1; statin-S1; Accession Number (s): NP_001949.1; Human Gene ID(s): 1917; Non-Human GeneID(s): 13628 (mouse) 24799 (rat)
Immunogen	NPATVPFVPIS, is from internal region
Applications	Pep ELISA, WB Species Tested: Human.Mouse, Rat
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 8000.
Western Blot	Western Blot: Approx 50kDa band observed in lysates of cell lines Daudi and Jurkat (calculated MW of 50.5kDa according to NP_001949.1). The same band is observed in lysates of Mouse and Rat Heart and Skeletal Muscle. Recommended concentration: 0.5-2µg/ml
IHC	
Reference	Reference(s): Li Z, Qi CF, Shin DM, Zingone A, Newbery HJ, Kovalchuk AL, Abbott CM, Morse HC 3rd. Eef1a2 promotes cell growth, inhibits apoptosis and activates JAK/STAT and AKT signaling in mouse plasmacytomas. PLoS One. 2010 May 21;5(5):e10755..PMID: 20505761->

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**