

Goat anti-eIF5A Antibody

Item Number dAP-1868

Target Molecule Principle Name: eIF5A; Official Symbol: EIF5A; All Names and Symbols: EIF5A; eukaryotic translation initiation factor 5A; EIF-5A; EIF5A1; MGC104255; MGC99547; eIF5A1; OTTHUMP00000128384; uORF A; Accession Number (s): NP_001137232.1; Human Gene ID(s): 1984; Non-Human GenID(s):

Immunogen RPPHRASFLKRLESK, is from internal region (near N Terminus)
Reported variants NP_001137233.1, NP_001961.1 and NP_001137234.1 represent identical protein:

Applications Pep ELISA, WB, IHC

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 128000.

Western Blot Western Blot: Approx 20kDa band observed in MOLT4 lysates (calculated MW of 20.2kDa according to NP_001137232.1). Recommended concentration: 1-3 μ g/ml. Primary incubation was 1 hour.

IHC Immunohistochemistry: Paraffin embedded Human Spleen, Tonsil and Vessel. Recommended concentration: 3.75 μ g/ml.

Reference Reference(s): Koettlitz K, Kappel B, Baumruker T, Hauber J, Bevec D The genomic structure encoding human initiation factor eIF-5A Gene. 1994 Jul 144 (2): 249-52. PMID: 7545941->

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**