



Goat anti-Ribosomal protein L22 Antibody

Item Number	dAP-1266
Target Molecule	Principle Name: Ribosomal protein L22; Official Symbol: RPL22 ; All Names and Symbols: RPL22; ribosomal protein L22; EAP; HBP15; HBP15/L22; 60S ribosomal protein L22; EBER-associated protein; Epstein-Barr virus small RNA-associated protein; Epstein-Barr-encoded RNA-associated protein; heparin-binding protein 15; heparin-binding protein HBp1; Accession Number (s): NP_000974.1; Human Gene ID(s): 6146; Non-Human GeneID(s): 19934 (mouse) 81768 (rat)
Immunogen	SKESYELRYFQINQ, is from C Terminus
Applications	Pep ELISA, 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 16000.
Western Blot	Western Blot: Preliminary experiments gave bands at approx 17-18kDa and 25kDa in Human Liver lysates after 0.5µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculate
IHC	Immunohistochemistry: In paraffin embedded Human Brain (Cortex) shows cytoplasm staining in neuronal bodies. Recommended concentration: 3-6µg/ml. Paraffin embedded Human Thyroid, Uterus and Testis. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Anderson SJ, Lauritsen JP, Hartman MG, Foushee AM, Lefebvre JM, Shinton SA, Gerhardt B, Hardy RR, Oravec T, Wiest DL. Ablation of Ribosomal Protein L22 Selectively Impairs alphabeta T Development by Activation of a p53-Dependent Checkpoint. Immunity. 2007 Jun;26(6):759-72. Epub 2007

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**