

## Goat anti-RPS19 Antibody

Item Number	dAP-0758
Target Molecule	Principle Name: RPS19; Official Symbol: RPS19; All Names and Symbols: RPS19; ribosomal protein S19; HGNC:10402; DBA: 40S ribosomal protein S19; Accession Number (s): NP_001013.1; Human Gene ID(s): 6223; Non-Human GenID(s):
Immunogen	KMVEKDQDGGRK, is from internal region
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 4000.
Western Blot	Western Blot: Approx 15kDa band observed in lysates of cell lines K562 (calculated MW of 16.1kDa according to NP_001013.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Leger-Silvestre I, Caffrey JM, Dawaliby R, Alvarez-Arias DA, Gas N, Bertolone SJ, Gleizes PE, Ellis SR. Specific role for yeast homologs of the diamond blackfan anemia associated Rps19 protein in ribosome synthesis. <i>J Biol Chem.</i> 2005 Sep 12; [Epub ahead of print]. PMID: 16159874 ->

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 end users! This product is sold for **Research Use Only**