

## Goat anti-RAN Antibody

<b>Item Number</b>	dAP-0462
<b>Target Molecule</b>	Principle Name: RAN; Official Symbol: RAN; All Names and Symbols: RAN; TC4; ARA24; RAN, member RAS oncogene family; Gsp1; OK/SW-cl.81; RanGTPase; guanosine triphosphatase Ran; member RAS oncogene family; ras-related nuclear protein; Accession Number (s): NP_006316.1; Human Gene ID(s): 5901; Non-Human GeneID(s): 19384 (mouse) 84509 (rat)
<b>Immunogen</b>	AAQGEPQVQFKLV, is from N Terminus
<b>Applications</b>	Pep ELISA, WB Species Tested: Human, Mouse
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 25kDa band observed in lysates of cell lines A431, HeLa, HepG2 and NIH3T3 (calculated MW of 24.4kDa according to NP_006316.1). Recommended for use at 0.3-1µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Ren M, Drivas G, D'Eustachio P, Rush MG. Ran/TC4: a small nuclear GTP-binding protein that regulates DNA synthesis. J Cell Biol. 1993 Jan;120(2):313-23. .PMID: 8421051 ->

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**