



## Goat anti-RAN (aa 197-210) Antibody

<b>Item Number</b>	dAP-2293
<b>Target Molecule</b>	Principle Name: RAN (aa 197-210); Official Symbol: RAN; All Names and Symbols: RAN; RAN, member RAS oncogene family; ARA24; Gsp1; TC4; GTP-binding nuclear protein Ran; GTPase Ran; OK/SW-cl.81; OTTHUMP00000166078; OTTHUMP00000166102; RanGTPase; androgen receptor-associated protein 24; guanosine triphosphatase Ran; member RAS oncogene; Accession Number (s): NP_006316.1; Human Gene ID(s): 5901; Non-Human GeneID(s): 19384 (mouse) 84509 (rat)
<b>Immunogen</b>	YEHDLVAQTALP, is from C Terminus
<b>Applications</b>	Pep ELISA, WB Species Tested: Human, Mouse, Rat
<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 8000.
<b>Western Blot</b>	Western Blot: Approx 25kDa band observed in Human, Mouse and Rat Testis lysates (calculated MW of 24.4kDa according to NP_006316.1). Recommended concentration: 0.1-1µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Ly TK, Wang J, Pereira R, Rojas KS, Peng X, Feng Q, Cerione RA, Wilson KF, Activation of the Ran GTPase is subject to growth factor regulation and can give rise to cellular transformation. The Journal of biological chemistry 2010 Feb 285 (8): 5815-26..PMID: 20028979->

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**