

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB10644 - Goat Anti-RAN (aa 197-210) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: RAN, RAN, member RAS oncogene family, ARA24, Gsp1, TC4, GTP-binding nuclear protein Ran, GTPase Ran, OK/SW-cl.81, OTTHUMP00000166078, RanGTPase, androgen receptor-associated protein 24, guanosine triphosphatase Ran,

member RAS oncogene
Official Symbol: RAN

Accession Number(s): NP_006316.1

Human GenelD(s): 5901

Non-Human GenelD(s): 19384 (mouse), 84509 (rat)

Immunogen

Peptide with sequence C-YEHDLEVAQTTALP, from the C Terminus of the protein sequence according to NP_006316.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000.

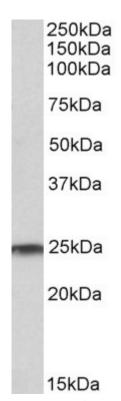
Western blot: Approx 25kDa band observed in Human, Mouse and Rat Testis lysates (calculated MW of 24.4kDa according to NP_006316.1). Recommended concentration: 0.1-1µg/ml. Primary incubation was 1 hour.

Immunofluorescence: Strong expression of the protein seen in the cytoplasm and nuclei of A431 cells. Recommended concentration: 10µg/ml.

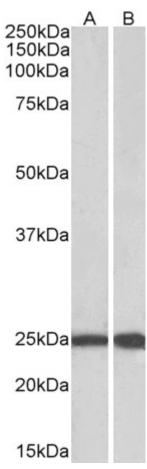
Species Reactivity

Tested: Human, Mouse, Rat

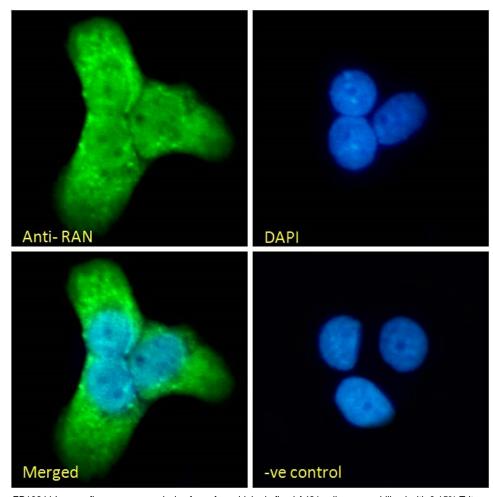
Expected from sequence similarity: Human, Mouse, Rat, Cow



EB10644 (1µg/ml) staining of Human Testis lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB10644 (0.1µg/ml) staining of Mouse (A) and Rat (B) Testis lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB10644 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).