

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.

EB06419-T - Goat Anti-RAN Antibody - Trial

Size: 20µg specific antibody in 40µl



Target Protein

Principal Names: 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

Official Symbol: RAN

Accession Number(s): NP_006316.1

Human GeneID(s): 5901

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

Immunogen

Peptide with sequence AAQGEPQVQFKLV-C, from the N 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 1:32000.

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. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Tonsil. Recommended concentration: 3µg/ml.

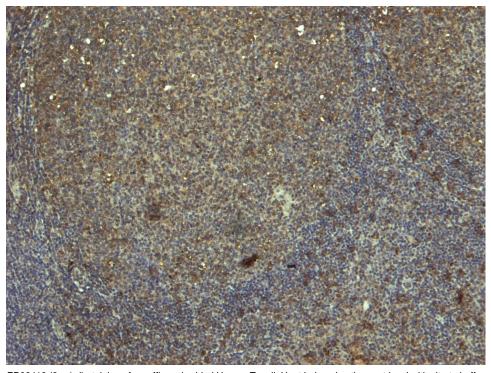
Species Reactivity

Tested: Human, Mouse

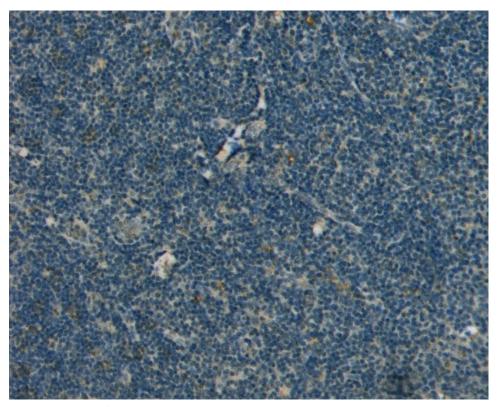
Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB06419 (0.5 μ g/ml) staining of A431 (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB06419 (3µg/ml) staining of paraffin embedded Human Tonsil. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB06419 Negative Control showing staining of paraffin embedded Human Tonsil, with no primary antibody.