



## International Office

### Everest Biotech Ltd

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

Customer Service:

[customerservice@vectorlabs.com](mailto:customerservice@vectorlabs.com)

Technical Service:

[technical@vectorlabs.com](mailto:technical@vectorlabs.com)

Tel: +1 (800) 227-6666

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB07306-T - Goat Anti-Radixin Antibody - Trial

Size: 20µg specific antibody in 40µl



### Target Protein

**Principal Names:** RDX, radixin

**Official Symbol:** RDX

**Accession Number(s):** NP\_002897.1

**Human GeneID(s):** [5962](#)

**Non-Human GeneID(s):** 19684 (mouse), 315655 (rat)

### Immunogen

Peptide with sequence C-QARDETKKTQND, from the internal region of the protein sequence according to NP\_002897.1.

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 1:4000.

**Western blot:** Approx 80kDa band observed in Human Lymph Node, Tonsil and Spleen lysates (calculated MW of 68.6kDa according to NP\_002897.1). The same 80kDa was also observed in lysates of several Mouse and Rat tissues and in lysates of cell lines NIH3T3, HeLa, Jurkat, and A431. The observed molecular weight corresponds to earlier findings in literature (Magendantz et al, J Biol Chem. 1995 Oct 27;270(43):25324-7. PMID: 7592691). Recommended concentration: 0.01-0.03µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Placenta and Kidney. Recommended concentration: 2.5µg/ml.

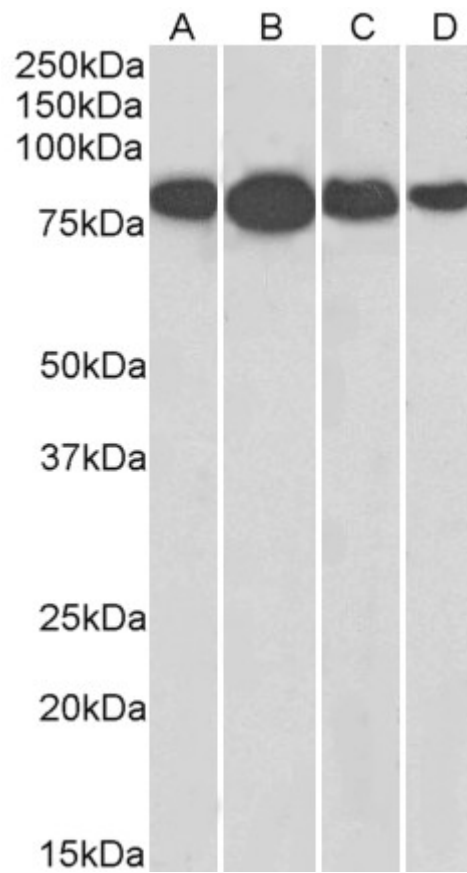
### Species Reactivity

**Tested:** Human, Mouse, Rat

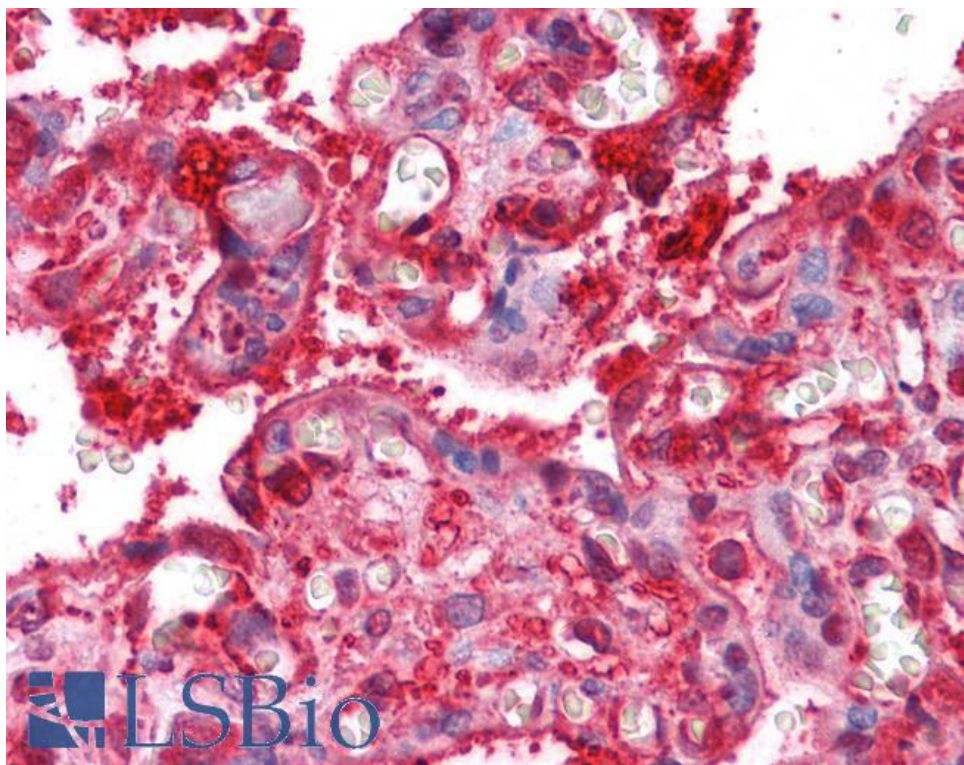
**Expected from sequence similarity:** Human, Mouse, Rat, Dog



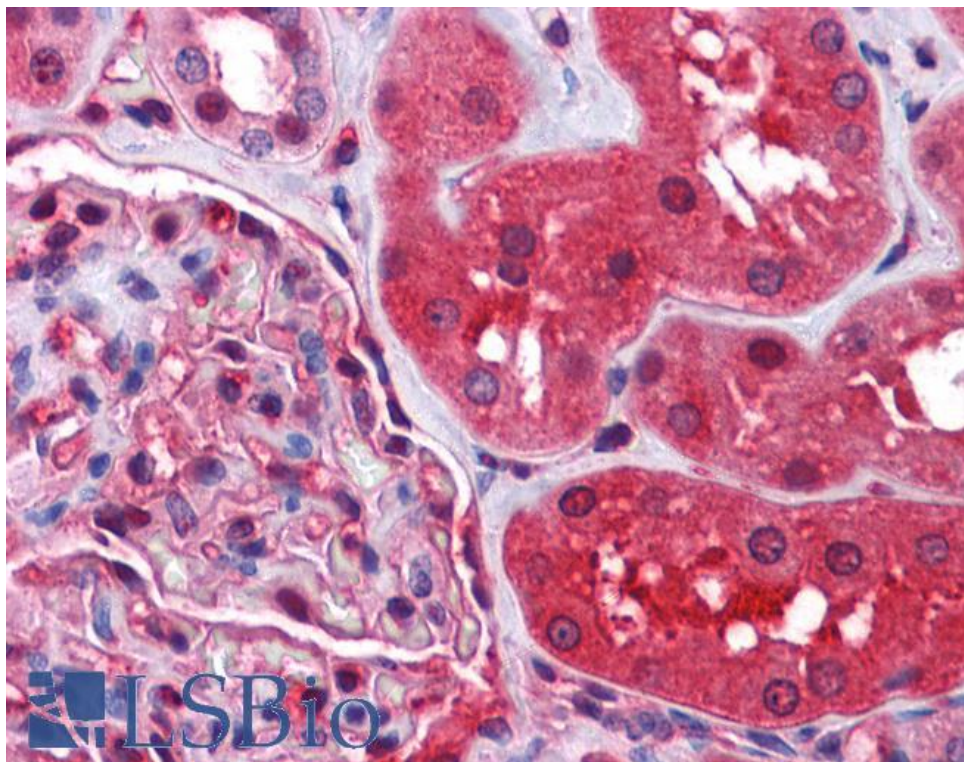
EB07306 (0.03 $\mu$ g/ml) staining of Human Tonsil lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB07306 (0.01 $\mu$ g/ml) staining of NIH3T3 (A), HeLa (B), Jurkat (C), and A431 (D) lysates (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB07306 (2.5µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB07306 (2.5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.