

## 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.**

## EB07467-T - Goat Anti-PICK1 Antibody - Trial

Size: 20µg specific antibody in 40µl



### Target Protein

**Principal Names:** PICK1, protein interacting with PRKCA 1, MGC15204, PRKCABP, OTTHUMP00000028509, PRKCA-binding protein, protein interacting with C kinase 1, protein kinase C, alpha binding protein

**Official Symbol:** PICK1

**Accession Number(s):** NP\_036539.1

**Human GeneID(s):** [9463](#)

**Non-Human GeneID(s):** 18693 (mouse), 84591 (rat)

**Important Comments:** Reported variants represent identical protein (NP\_036539.1; NP\_001034672.1; NP\_001034673.1).

### Immunogen

Peptide with sequence C-HYNKLQADPKQ, from the internal region of the protein sequence according to NP\_036539.1.

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 1:16000.

**Western blot:** Approx 50kDa band observed in Mouse Brain lysates (calculated MW of 46.6kDa according to NP\_036539.1, NP\_001034672.1 and NP\_001034673.1).

Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Colon and Prostate. Recommended concentration: 5µg/ml.

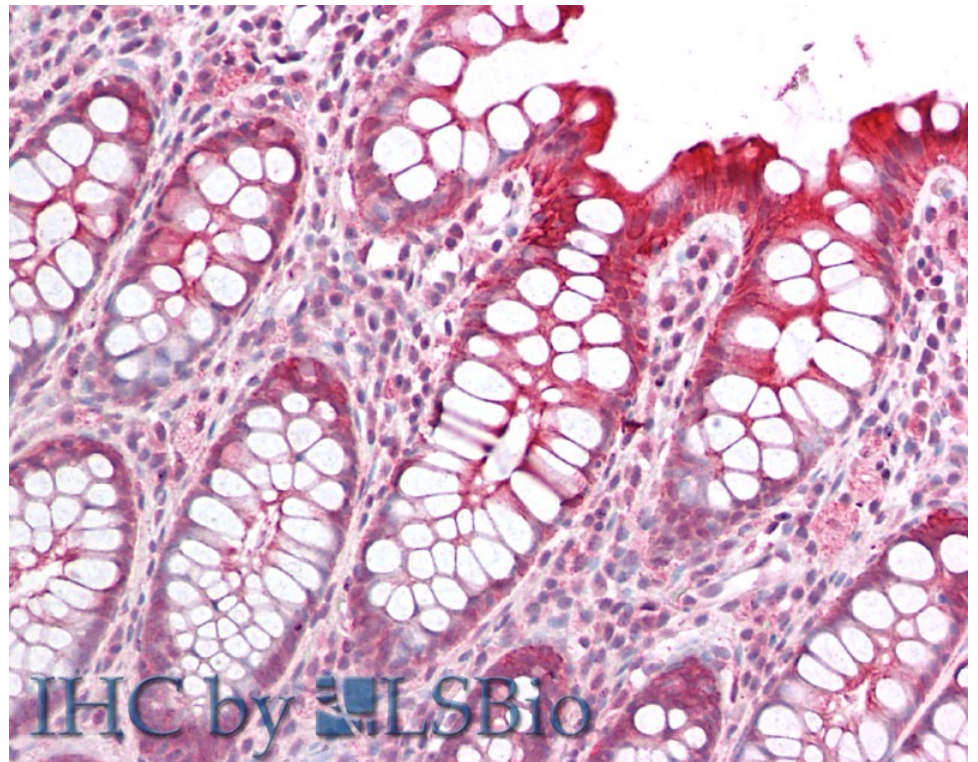
### Species Reactivity

**Tested:** Human, Mouse

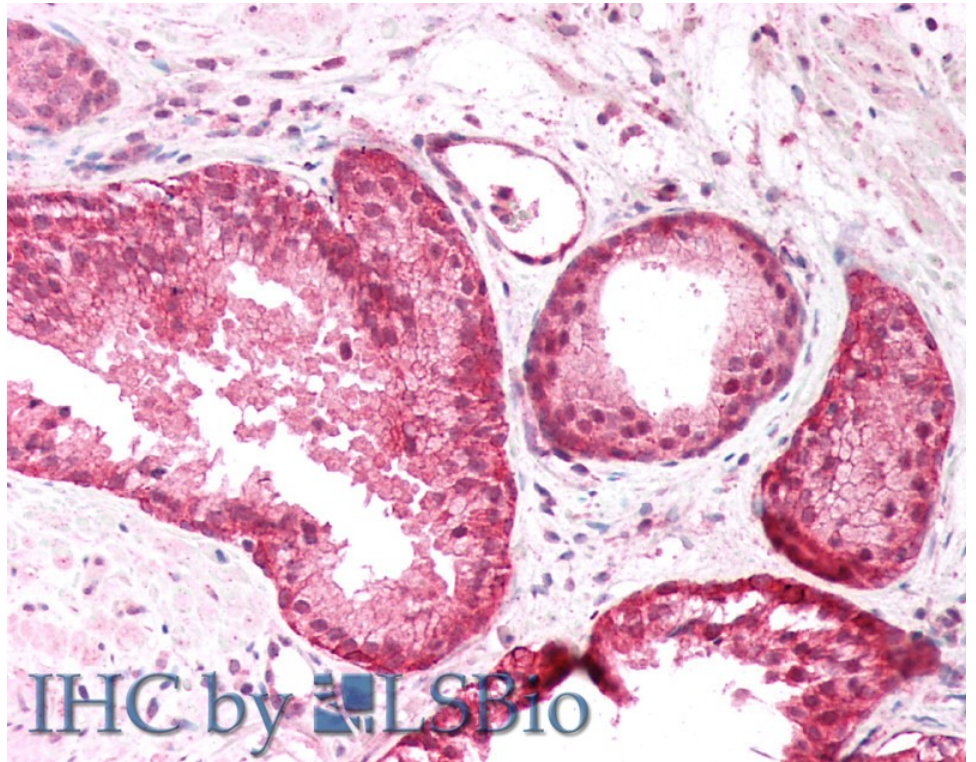
**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow



EB07467 (1 $\mu$ g/ml) staining of Mouse Brain lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB07467 (5 $\mu$ g/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB07467 (5µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.