

#### **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.

# EB09572 - Goat Anti-PRKCDBP Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: PRKCDBP, protein kinase C, delta binding protein, HSRBC,

MGC20400, SRBC, sdr-related gene product that binds to c-kinase

Official Symbol: CAVIN3

Accession Number(s): NP\_659477.2

Human GenelD(s): 112464

Non-Human GeneID(s): 109042 (mouse), 85332 (rat)

### **Immunogen**

Peptide with sequence C-RRTGLQKVQSLR, from the internal region of the protein sequence according to NP\_659477.2.

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 38kDa band observed in Human Adipose, in Mouse Ovary and Rat Uterus and in NIH3T3 lysates (calculated MW of 27.7kDa according to Human NP\_659477.2, of 27.8kDa according to Mouse NP\_082720.1 and of 27.9kDa according to Rat NP\_604444.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Bastiani M, J Cell Biol. 2009 Jun 29;185(7):1259-73. PMID: 19546242 ). Recommended concentration: 0.1-1μg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Uterus. Recommended concentration: 3.75µg/ml.

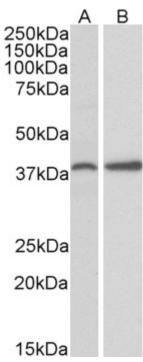
## **Species Reactivity**

Tested: Human, Mouse, Rat

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

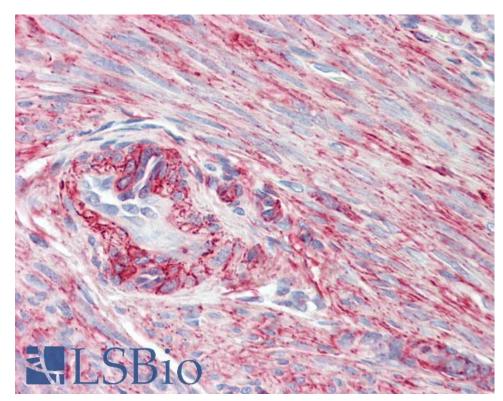


EB09572 (0.1μg/ml) staining of Human Adipose cell Ilysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB09572 (0.3μg/ml) staining of Mouse Ovary (A) and Rat Uterus (B) lysate (35μg protein in RIPA buffer).

Detected by chemiluminescence.



EB09572 (3.75 $\mu$ g/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.