

#### **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

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# EB06217 - Goat Anti-SNX5 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: SNX5, FLJ10931, sorting nexin 5, RP11-504H3.2

Official Symbol: SNX5

Accession Number(s): NP\_055241.1; NP\_001269383.1

Human GeneID(s): 27131

Non-Human GenelD(s): 69178 (mouse)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_055241.1; NP\_001269383.1). Reported variants represent identical protein:

NP\_055241.1, NP\_689413.1

## Immunogen

Peptide with sequence SLLQSCIDLFKNN, from the C Terminus of the protein sequence according to NP\_055241.1; NP\_001269383.1.

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. 48kDa band observed in Jurkat and A549 lysates (calculated MW of 46.8kDa according to NP\_055241.1). Recommended concentration: 1-3µg/ml. Primary incubation was one hour.

**IHC:** In paraffin embedded Human Breast shows cytoplasm staining of ductal epithelial cells. Cytoplasm staining is also observed in PCT of Human Kidney and in trophoblasts of Human Placenta . Recommended concentration: 3-6µg/ml.

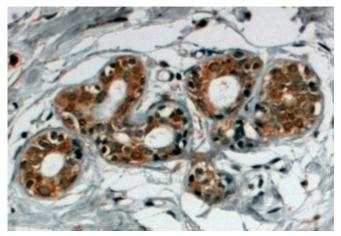
# **Species Reactivity**

Tested: Human

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

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

EB06217 staining (1µg/ml) of Jurkat lysate (RIPA buffer, 35µg total protein per lane). Detected by chemiluminescence.



EB06217 (4µg/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.