

### **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.

# EB10237 - Goat Anti-SPINT2 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** DIAR3, FLJ45571, HAI2, HAI-2, hepatocyte growth factor activator inhibitor type 2, Kop, PB, placental bikunin, serine peptidase inhibitor, Kunitz type, 2,

serine protease inhibitor, Kunitz type, 2, SPINT2

Official Symbol: SPINT2

Accession Number(s): NP\_066925.1; NP\_001159575.1

Human GeneID(s): 10653

Important Comments: This antibody is expected to recognize both reported isoforms

(NP\_066925.1; NP\_001159575.1).

## Immunogen

Peptide with sequence C-PSAPRRQDSEDH, from the internal region of the protein sequence according to NP\_066925.1; NP\_001159575.1.

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 19kDa band observed in Human Placenta lysates (calculated MW of 21.8kDa according to NP\_001159575.1). Recommended concentration: 0.3-1μg/ml. Primary incubation was 1 hour.

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

#### **Species Reactivity**

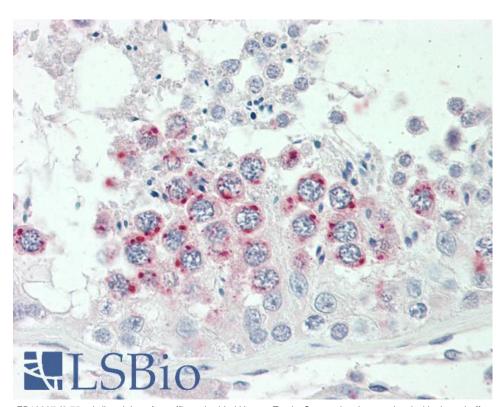
Tested: Human

Expected from sequence similarity: Human

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

15kDa

EB10237(0.3µg/ml) staining of Human Placenta lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB10237 (3.75 $\mu$ g/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.