

#### **International Office**

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# EB12619 - Goat Anti-VASP (aa236-249) Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: VASP, vasodilator-stimulated phosphoprotein

Official Symbol: VASP

Accession Number(s): NP\_003361.1

Human GenelD(s): 7408

Non-Human GeneID(s): 22323 (mouse)

## **Immunogen**

Peptide with sequence C-RKVSKQEEASGGPT, from the internal region of the protein sequence according to NP\_003361.1.

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**

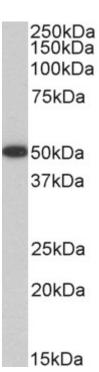
Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 50kDa band observed in Human Platelets lysates (calculated MW of 39.8kDa according to NP\_003361.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Reinhard et al, EMBO J. 1992 Jun;11(6):2063-70. PMID: 1318192). Recommended concentration: 0.01-0.03μg/ml. Approx 40kDa band observed in Mouse Thymus lysates (calculated MW of 39.7kDa according to NP\_033525.2). Recommended concentration: 1-3μg/ml.

## **Species Reactivity**

Tested: Human, Mouse

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



EB12619 (0.01µg/ml) staining of Human Platelets lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB12619 ( $1\mu g/ml$ ) staining of Mouse Thymus lysate ( $35\mu g$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.