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# **US Office**

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# EB05269 - Goat Anti-PACSIN1 Antibody

Size: 100µg specific antibody in 200µl

# **C**

#### **Target Protein**

Principal Names: PACSIN1, protein kinase C and casein kinase substrate in neurons 1, KIAA1379, SDPI, syndapin I Official Symbol: PACSIN1 Accession Number(s): NP\_065855.1 Human GeneID(s): 29993 Important Comments: Reported variants represent identical protein (NP\_065855.1; NP\_001186512.1).

#### Immunogen

Peptide with sequence SSSYDEASLAPEET-C, from the N Terminus of the protein sequence according to NP\_065855.1.

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.

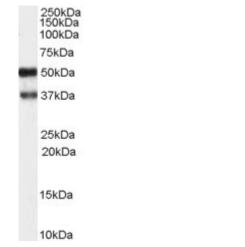
# **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:32000.

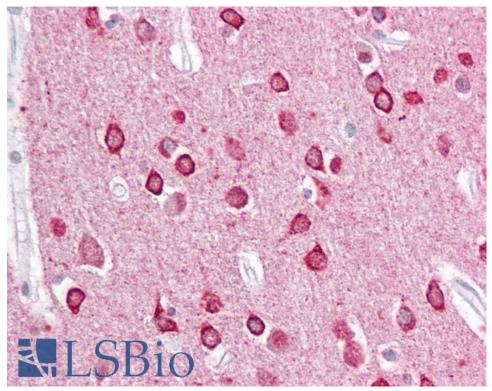
**Western blot:** Approx 50kDa band observed in Human Brain (Hippocampus) lysates (calculated MW of 51.1kDa according to NP\_065855.1). Recommended concentration: 0.03-0.1µg/ml. An additional band of unknown identity was also consistently observed at 37kDa. This band was successfully blocked by incubation with the immunising peptide. **IHC:** Paraffin embedded Human Brain (Cortex and Cerebellum). Recommended concentration: 2.5µg/ml.

### **Species Reactivity**

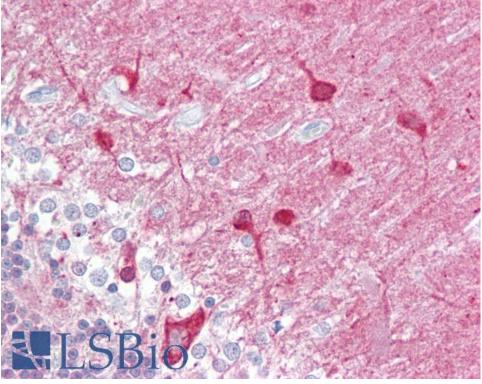
Tested: Human Expected from sequence similarity: Human, Dog, Pig, Cow



EB05269 (1µg/ml) staining of Hippocampus) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB05269 (2.5µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB05269 (2.5µg/ml) staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.