

## Goat anti-PACSIN3 Antibody

Item Number	dAP-0387
Target Molecule	Principle Name: PACSIN3; Official Symbol: PACSIN3; All Names and Symbols: PACSIN3; protein kinase C and casein kinase substrate in neurons 3; SH3 domain-containing protein 6511; SDP <sub>III</sub> ; syndapin III; SH3 domain-containing protein 6511; Accession Number (s): NP_057307.2; Human Gene ID(s): 29763; Non-Human GenelD(s): 80708 (mouse) 311187 (rat)
Immunogen	APEEDAGGEALGGS, is from N Terminus
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 4000.
Western Blot	Western Blot: EB05271 (0.03µg/ml) staining of Human Skeletal Muscle lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.
IHC	
Reference	Reference(s): Cuajungco MP, Grimm C, Oshima K, D'hoedt D, Nilius B, Mensenkamp AR, Bindels RJ, Plomann M, Heller S. PACSINs bind to the TRPV4 cation channel. PACSIN 3 modulates the subcellular localization of TRPV4. J Biol Chem. 2006 Jul 7;281(27):18753-62. Epub 2006 Apr 20.. PMID: 16627472->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**