

## Goat anti-CSNK2B (aa172-186) Antibody

**Item Number** dAP-3253

**Target Molecule** Principle Name: CSNK2B (aa172-186); Official Symbol: CSNK2B; All Names and Symbols: CSNK2B; casein kinase 2, beta polypeptide; CK2B; CK2N; CSK2B; G5A; CK II beta; Casein kinase II beta subunit; alternative name: G5a, phosvitin; casein kinase II subunit beta; phosvitin; protein G5a; Accession Number (s): NP\_001311.3; NP\_001269314.1; Human Gene ID(s): 1460; Non-Human GenelD(s): 13001 (mouse) 81650 (rat)

**Immunogen** PEYRPKR PANQFVPR, is from internal region  
This antibody is expected to recognize both reported isoforms (NP\_001311.3; NP\_001269314.1).

**Applications** Pep ELISA, WB

Species Tested: Human, Mouse, Pig

**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 128000.

**Western Blot** Western Blot: Approx 26kDa band observed in lysates of cell lines NIH3T3, HeLa, K562, MCF7 and HepG2, and in Pig Testis lysates (calculated MW of 24.9kDa according to Human, NP\_001311.3, Mouse NP\_034105.1 and Pig NP\_001138849.1 ). Recommended concentrati

**IHC**

**Reference** Reference(s): French AC, Luscher B, Litchfield DW. Development of a stabilized form of the regulatory CK2beta subunit that inhibits cell proliferation. The Journal of biological chemistry 2007 Oct 282 (40): 29667-77..PMID: 17681943->

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 ender users! This product is sold for **Research Use Only**