

Goat anti-CSNK2B Antibody

Item Number	dAP-3260
Target Molecule	Principle Name: CSNK2B; 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, phosphovitin; casein kinase II subunit beta; phosphovitin; 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	TGLNEQVPHYRQ, 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, Rat, 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 (calculated MW of 24.9kDa according to NP_001311.3). Approx 25kDa band observed in Mouse Testis, 26kDa in Rat Testis and 28kDa in Pig Testis lysates (cal)
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 end users! This product is sold for **Research Use Only**