

Goat anti-Sak / STK18 / PLK4 Antibody

Item Number	dAP-0365
Target Molecule	Principle Name: Sak / STK18 / PLK4; Official Symbol: PLK4; All Names and Symbols: PLK4; Sak; polo-like kinase 4 (Drosophila); serine/threonine kinase 18; SAK; Snk Akin Kinase; polo-like kinase 4; protein-serine/threonine kinase; STK18; serine/threonine protein kinase SAK; Accession Number (s): NP_055079.3; Human Gene ID(s): 10733; Non-Human GeneID(s):
Immunogen	ATCIGEKIEDFKVGN, 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 32000.
Western Blot	Western Blot: Approx 110kDa band observed in Human Colon lysates (calculated MW of 109kDa according to NP_055079.3). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.
IHC	
Reference	Reference(s): Hudson JW, Chen L, Fode C, Binkert C, Dennis JW. Sak kinase gene structure and transcriptional regulation. Gene. 2000 Jan 4;241(1):65-73..PMID: 10607900->

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**