

## Goat anti-Aurora Kinase B Antibody

<b>Item Number</b>	dAP-3250
<b>Target Molecule</b>	Principle Name: Aurora Kinase B; Official Symbol: AURKB ; All Names and Symbols: AURKB ; aurora kinase B ; AIK2; AIM-1; AIM1; ARK2; AurB; IPL1; STK12; STK5 ; aurora-1; aurora-B; serine/threonine kinase 12 ; Accession Number (s): NP_004208.2; Human Gene ID(s): 9212; Non-Human GeneID(s):
<b>Immunogen</b>	YKELQKSCTFDEQ, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	Western Blot: Approx 37kDa band observed in Human Thymus lysates and approx. 35kDa in Human Lymph Node, Spleen, Tonsil and Testis lysates (calculated MW of 39.3kDa according to NP_004208.2). Recommended concentration: 1-3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Gadea BB, Ruderman JV. Aurora B is required for mitotic chromatin-induced phosphorylation of Op18/Stathmin. Proc Natl Acad Sci U S A. 2006 Mar 21;103(12):4493-8. Epub 2006 Mar 14. .PMID: 16537398 ->

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**