



Anti-AURKB polyclonal antibody (DPABT-H16459)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Anti-AURKB Polyclonal Antibody
Antigen Description	Aurora B belongs to Serine/threonine kinase family, Aurora subfamily. Predicted molecular weight 39 kD. This kinase is highly expressed in thymus and many cancers and is also expressed in the spleen, lung, testis, colon, placenta and fetal liver. Aurora B
Target	AURKB
Immunogen	Modified peptide
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	IF, IHC-P
Preparation	This antibody was purified by affinity chromatography.
Size	25 µl
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 50% glycerol.
Preservative	0.09% Sodium Azide
Storage	Upon receipt, store frozen at -20 °C.

GENE INFORMATION

Gene Name	AURKB aurora kinase B [Homo sapiens]
Official Symbol	AURKB
Synonyms	AURKB; aurora kinase B; serine/threonine kinase 12 , STK12; Aik2; AIM 1; ARK2; AurB; aurora 1; aurora B; IPL1; PPP1R48; protein phosphatase 1; regulatory subunit 48; STK5; ARK-2; STK-1; aurora-1; aurora-B; aurora kinase B-Sv1; aurora kinase B-Sv2; aurora-related kinase 2; serine/threonine kinase 12; aurora/IPL1-related kinase 2; serine/threonine-protein kinase 5; serine/threonine-protein kinase 12; serine/threonine-protein kinase aurora-B; protein phosphatase 1, regulatory subunit 48; aurora- and lpl1-like midbody-associated protein 1; AIK2; AIM1; AIM-1; STK12; aurkb-sv1; aurkb-sv2;
Entrez Gene ID	9212
Protein Refseq	NP_001243763
UniProt ID	Q96GD4
Chromosome Location	17p13.1
Pathway	APC/C-mediated degradation of cell cycle proteins, organism-specific biosystem; APC/C:Cdh1 mediated degradation of Cdc20 and other APC/C:Cdh1 targeted proteins in late mitosis/early G1, organism-specific biosystem; Aurora A signaling, organism-specific biosystem; Aurora B signaling, organism-specific biosystem; Aurora C signaling, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem;
Function	ATP binding; metal ion binding; nucleotide binding; protein binding; protein serine/threonine kinase activity; protein serine/threonine/tyrosine kinase activity;