



# ARK-2/3 (phospho Thr236/202) rabbit pAb

Cat No.:ES7992

For research use only

## Overview

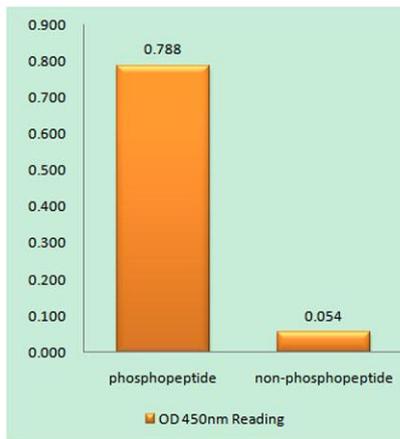
<b>Product Name</b>	ARK-2/3 (phospho Thr236/202) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human AurB/C around the phosphorylation site of Thr236/202. AA range:201-250
<b>Specificity</b>	Phospho-ARK-2/3 (T236/202) Polyclonal Antibody detects endogenous levels of ARK-2/3 protein only when phosphorylated at T236/202.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Serine/threonine-protein kinase 12/Aurora kinase C
<b>Gene Name</b>	AURKB/AURKC
<b>Cellular localization</b>	Nucleus . Chromosome . Chromosome, centromere . Chromosome, centromere, kinetochore . Cytoplasm, cytoskeleton, spindle . Midbody . Localizes on chromosome arms and inner centromeres from prophase through metaphase and then transferring to the spindle midz
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	9212/6795
<b>Human Swiss-Prot Number</b>	Q96GD4/Q9UQB9
<b>Alternative Names</b>	AURKB; AIK2; AIM1; AIRK2; ARK2; STK1; STK12;



## Background

STK5; Aurora kinase B; Aurora 1; Aurora- and IPL1-like midbody-associated protein 1; AIM-1; Aurora/IPL1-related kinase 2; ARK-2; Aurora-related kinase 2; STK-1; Serine/threonine-protein kinase 12

This gene encodes a member of the aurora kinase subfamily of serine/threonine kinases. The genes encoding the other two members of this subfamily are located on chromosomes 19 and 20. These kinases participate in the regulation of alignment and segregation of chromosomes during mitosis and meiosis through association with microtubules. A pseudogene of this gene is located on chromosome 8. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2015],



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using AurB/C (Phospho-Thr236/202) Antibody

Immunohistochemistry analysis of paraffin-embedded human brain, using AurB/C (Phospho-Thr236/202) Antibody. The picture on the right is blocked with the phospho peptide.

