

ARK-2 (phospho Tyr12) Polyclonal Antibody

Catalog No: #14078

Package Size: #14078-1 50ul #14078-2 100ul

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Description

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| Product Name | ARK-2 (phospho Tyr12) Polyclonal Antibody |
| Host Species | Rabbit |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Applications | WB,IHC-p,IF(paraffin section),ELISA |
| Species Reactivity | Human,Mouse,Rat |
| Specificity | Phospho-ARK-2 (Y12) Polyclonal Antibody detects endogenous levels of ARK-2 protein only when phosphorylated at Y12. |
| Immunogen Description | The antiserum was produced against synthesized peptide derived from human AurB around the phosphorylation site of Tyr12. AA range:1-50 |
| Other Names | AURKB; AIK2; AIM1; AIRK2; ARK2; STK1; STK12; 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 |
| Accession No. | Swiss Prot:Q96GD4GeneID:9212 |
| Uniprot | Q96GD4 |
| GeneID | 9212 |
| SDS-PAGE MW | 39 |
| Concentration | 1 mg/ml |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | -20°C/1 |

Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

Background

aurora kinase B(AURKB) Homo sapiens 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],

Note: This product is for in vitro research use only