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Datasheet for ABIN2804022

**anti-MARK4 antibody (pSer423) (Alexa Fluor 594)**

## Overview

Quantity:	100 µL
Target:	MARK4
Binding Specificity:	pSer423
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MARK4 antibody is conjugated to Alexa Fluor 594
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human MARK4 around the phosphorylation site of Ser423.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Horse
Purification:	Purified by Protein A.

## Target Details

Target:	MARK4
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## Target Details

Alternative Name: MARK4 ([MARK4 Products](#))

Background: Synonyms: MARK4phospho 423, MARK 4, MARK-4, MARK 4L, MARK L1, MARK4, MARK4 serine / threonine protein kinase, MARK4 serine/threonine protein kinase, MARK4\_HUMAN, MARKL 1, MARKL1, MAP / microtubule affinity regulating kinase 4, MAP / microtubule affinity regulating kinase 4L, MAP/microtubule affinity regulating kinase 4, MAP/microtubule affinity regulating kinase like 1, MAP/microtubule affinity-regulating kinase 4, MAP/microtubule affinity-regulating kinase-like 1, Putative protein product of Nbla00650, FLJ90097, KIAA1860, mKIAA1860.

Background: This gene encodes a member of the microtubule affinity-regulating kinase family. These protein kinases phosphorylate microtubule-associated proteins and regulate the transition between stable and dynamic microtubules. The encoded protein is associated with the centrosome throughout mitosis and may be involved in cell cycle control. Expression of this gene is a potential marker for cancer, and the encoded protein may also play a role in Alzheimer's disease. Pseudogenes of this gene are located on both the short and long arm of chromosome 3. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2010].

Gene ID: 57787

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Handling

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Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months