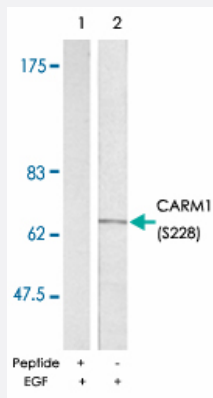


CARM1 (phospho S228) polyclonal antibody

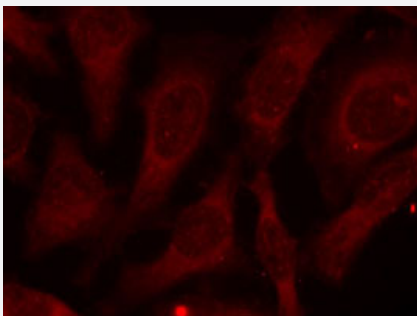
Catalog # PAB25896 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from A-431 cells treated with EGF (200 ug/mL, 5 min) using CARM1 (phospho S228) polyclonal antibody (Cat # PAB25896).



Immunofluorescence

Immunofluorescence staining of methanol-fixed HeLa cells using CARM1 (phospho S228) polyclonal antibody (Cat # PAB25896).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of CARM1.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding S228 of human CARM1.
Sequence	V-K-Sp-N-N
Host	Rabbit
Theoretical MW (kDa)	66
Reactivity	Human, Mouse, Rat

Form	Liquid
Purification	Affinity chromatography
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunofluorescence (1:100-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg ²⁺ and Ca ²⁺), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from A-431 cells treated with EGF (200 ug/mL, 5 min) using CARM1 (phospho S228) polyclonal antibody (Cat # PAB25896).

- Immunofluorescence

Immunofluorescence staining of methanol-fixed HeLa cells using CARM1 (phospho S228) polyclonal antibody (Cat # PAB25896).

Gene Info — CARM1

Entrez GeneID	10498
Protein Accession#	Q86X55
Gene Name	CARM1
Gene Alias	PRMT4
Gene Description	coactivator-associated arginine methyltransferase 1
Omim ID	603934
Gene Ontology	Hyperlink

Gene Summary

Protein arginine N-methyltransferases, such as CARM1, catalyze the transfer of a methyl group from S-adenosyl-L-methionine to the side chain nitrogens of arginine residues within proteins to form methylated arginine derivatives and S-adenosyl-L-homocysteine. Protein arginine methylation has been implicated in signal transduction, metabolism of nascent pre-RNA, and transcriptional activation (Frankel et al., 2002 [PubMed 11724789]).[supplied by OMIM]

Other Designations

coactivator-associated arginine methyltransferase-1|protein arginine N-methyltransferase 4

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Spinal Dysraphism](#)