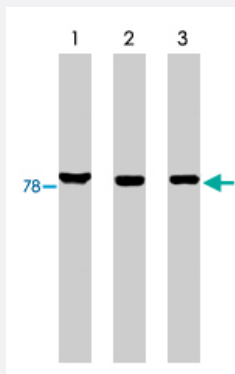


MARK3 polyclonal antibody

Catalog # PAB9846

Size 250 ug

Applications



Western Blot

Western blot analysis using MARK3 polyclonal antibody on His-tagged c-tak1 (lane 1), RKO cell lysate (lane 2) and HCT-116 cell lysate (lane 3).

Specification

Product Description	Sheep polyclonal antibody raised against full length recombinant MARK3.
Immunogen	Recombinant His fusion protein corresponding to full length human MARK3.
Host	Sheep
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	Western Blot (1-5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.08% 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

Western blot analysis using MARK3 polyclonal antibody on His-tagged c-tak1 (lane 1), RKO cell lysate (lane 2) and HCT-116 cell lysate (lane 3).

- Immunoprecipitation

Gene Info — MARK3

Entrez GeneID	4140
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Gene Name	MARK3
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Gene Alias	CTAK1, KP78, PAR1A
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Gene Description	MAP/microtubule affinity-regulating kinase 3
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Omim ID	602678
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Gene Ontology	Hyperlink
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Other Designations	-
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Publication Reference

- [The radiosensitizing agent 7-hydroxystaurosporine \(UCN-01\) inhibits the DNA damage checkpoint kinase hChk1.](#)

Busby EC, Leistritz DF, Abraham RT, Karnitz LM, Sarkaria JN.

Cancer Research 2000 Apr; 60(8):2108.

- [C-TAK1 protein kinase phosphorylates human Cdc25C on serine 216 and promotes 14-3-3 protein binding.](#)

Peng CY, Graves PR, Ogg S, Thoma RS, Byrnes MJ 3rd, Wu Z, Stephenson MT, Piwnica-Worms H.

Cell Growth & Differentiation 1998 Mar; 9(3):197.

Application: IP, WB-Tr, Monkey, COS-7 cells

- [Purification of a serine kinase that associates with and phosphorylates human Cdc25C on serine 216.](#)

Ogg S, Gabrielli B, Piwnica-Worms H.

The Journal of Biological Chemistry 1994 Dec; 269(48):30461.

Application: WB-Ce, Human, HeLa cells

Disease

- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Wounds and Injuries](#)