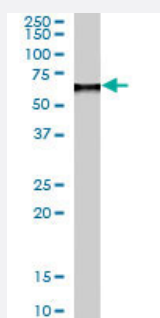


# MARK4 polyclonal antibody

Catalog # PAB6142

Size 100 ug

## Applications



### Western Blot (Tissue lysate)

MARK4 polyclonal antibody (Cat # PAB6142) staining (0.5 ug/mL) of human prostate lysate (35 ug protein in RIPA buffer). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

## Specification

**Product Description** Goat polyclonal antibody raised against synthetic peptide of MARK4.

**Immunogen** A synthetic peptide corresponding to human MARK4.

**Sequence** IKRKPPPGCSDSPGV

**Host** Goat

**Theoretical MW (kDa)** 75.3

**Reactivity** Human

**Form** Liquid

**Purification** Antigen affinity purification

**Concentration** 0.5 mg/mL

**Quality Control Testing** Antibody Reactive Against Synthetic Peptide.

**Recommend Usage**  
 ELISA (1:128000)  
 Western Blot (0.3-1 ug/mL)  
 The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 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 (Tissue lysate)

MARK4 polyclonal antibody (Cat # PAB6142) staining (0.5 ug/mL) of human prostate lysate (35 ug protein in RIPA buffer). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — MARK4

Entrez GeneID	<a href="#">57787</a>
Protein Accession#	<a href="#">NP_113605.2</a>
Gene Name	MARK4
Gene Alias	FLJ90097, KIAA1860, MARKL1, Nbla00650
Gene Description	MAP/microtubule affinity-regulating kinase 4
Omim ID	<a href="#">606495</a>
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	MAP/microtubule affinity-regulating kinase like 1 MARK4 serine/threonine protein kinase putative protein product of Nbla00650

## Publication Reference

- [Isolation of a novel human gene, MARKL1, homologous to MARK3 and its involvement in hepatocellular carcinogenesis.](#)

Kato T, Satoh S, Okabe H, Kitahara O, Ono K, Kihara C, Tanaka T, Tsunoda T, Yamaoka Y, Nakamura Y, Furukawa Y.  
Neoplasia 2001 Jan; 3(1):4.

## Disease

- [Alzheimer Disease](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)