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# anti-MARK1 antibody





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Quantity:	200 μL
Target:	MARK1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MARK1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

#### **Product Details**

Immunogen:	Recombinant fusion protein of human MARK1 (NP_061120.3).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### **Target Details**

Target:	MARK1
Alternative Name:	MARK1 (MARK1 Products)
Background:	MAP/microtubule affinity-regulating kinase 1 (MARK1) is a 795 amino acid protein belonging to
	the CAMK Ser/Thr protein kinase family. MARK1 is thought to play a role in the stability of the
	microtubule matrix of the cytoskeleton. MARK1 is activated by phosphorylation of Thr215 by
	LKB1 in complex with STRAD and MO25. Localized to the cytoskeleton, MARK1 contains one

#### **Target Details**

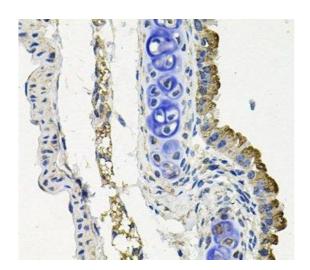
	kinase-associated (KA1) domain, one protein kinase domain and one UBA domain. Expressed as three isoforms produced by alternative splicing, MARK1 is found with highest levels in brain, skeletal muscle and heart.
Gene ID:	4139
UniProt:	Q9P0L2
Pathways:	SARS-CoV-2 Protein Interactome, The Global Phosphorylation Landscape of SARS-CoV-2 Infection

#### **Application Details**

Application Notes:	IHC 1:50-1:200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



## Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Mouse lung using MARK1 Polyclonal Antibody at dilution of 1:100 (40x lens).