

Anti-MARK1 antibody

Cat. No.	ml261889
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-MARK1 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human MARK1
Reactivity	Human
Content	0.7 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	MARK1
Full name	MAP/microtubule affinity-regulating kinase 1
Synonyms	MARK; Par1c; Par-1c
Swissprot	Q9P0L2

Target Background

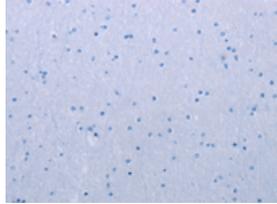
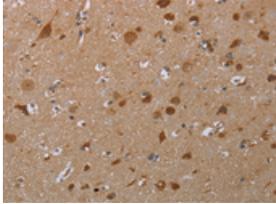
The microtubule matrix within a cell plays a central role in intracellular transport, cell shape during differentiation and chromosome partitioning during mitosis. During these processes, microtubules transition rapidly between stable and dynamic states. MAP/microtubule affinity-regulating kinase 1 (MARK1) 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 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.

订购热线: 4008-898-798

Applications

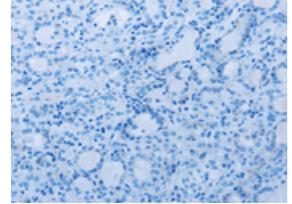
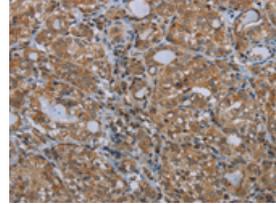
Immunohistochemistry

Predicted cell location: Cytoplasm and Nucleus
Positive control: Human brain
Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml261889(MARK1 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Cytoplasm and Nucleus
Positive control: Human thyroid cancer
Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml261889(MARK1 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA

Recommended dilution: 2000-5000

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