Anti-MARK2 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P103545

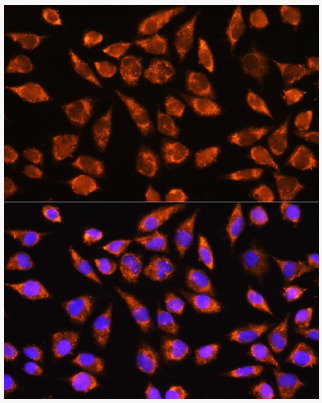
Product Information

Application	WB, IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:2000; IF 1:50~1:100
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 350-455 of human MARK2 (Q7KZI7).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-MARK2 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

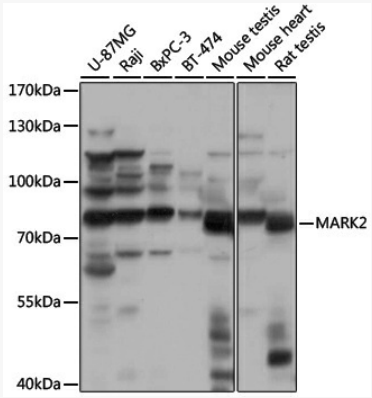
Protein Information

Synonyms	EMK1; EMK-1; PAR-1; Par1b; Par-1b; MARK2.
Calculated MW	Calculated MW: 88 kDa; Observed MW: 78 kDa
Uniprot ID	Q7KZI7
Gene ID	2011
Background	This gene encodes a member of the Par-1 family of serine/threonine protein kinases. The protein is an important regulator of cell polarity in epithelial and neuronal cells, and also controls the stability of microtubules through phosphorylation and inactivation of several microtubule-associating proteins. The protein localizes to cell membranes. Multiple transcript variants encoding different isoforms have been found for this gene.

Validation Images



Immunofluorescence analysis of L929 cells using MARK2 Rabbit pAb (P103545) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using MARK2 Rabbit pAb (P103545) at 1:1,000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 1s.