

MARK3 Rabbit pAb

Catalog No.: A19324

Basic Information

Observed MW

83kDa

Calculated MW

84kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human, Mouse, Rat

Background

The protein encoded by this gene is activated by phosphorylation and in turn is involved in the phosphorylation of tau proteins MAP2 and MAP4. Several transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200

Immunogen Information

Gene ID	Swiss Prot
4140	P27448

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human MARK3 (NP_001122390.2).

Synonyms

KP78; VIPB; CTAK1; PAR1A; Par-1a; MARK3

Contact

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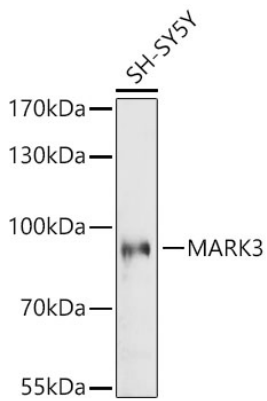
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

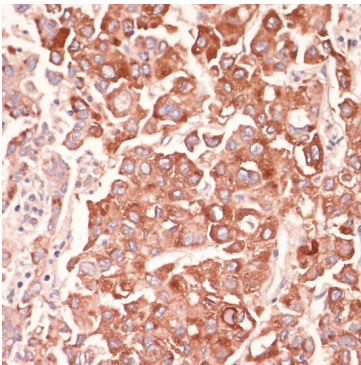
Storage

Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

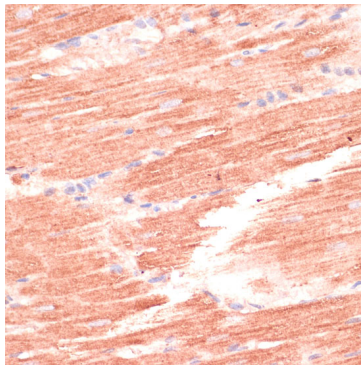
Validation Data



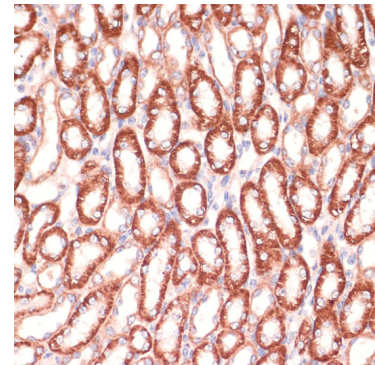
Western blot analysis of lysates from SH-SY5Y cells using MARK3 Rabbit pAb(A19324) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time:90s.



Immunohistochemistry analysis of paraffin-embedded human liver cancer using MARK3 Rabbit pAb (A19324) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat heart using MARK3 Rabbit pAb (A19324) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse kidney using MARK3 Rabbit pAb (A19324) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.