

Product Datasheet

MAPKAP Kinase 2 Antibody



Catalog No: CY8530

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB

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Information

UniProt ID: P49137

All Names: MAPKAP K2; MAPKAPK2; MK2;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

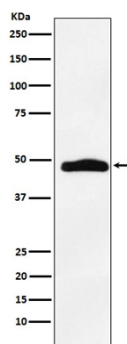
Molecular Wt.: 46kDa

Application

WB 1:500~1:2000

Background

Its physiological substrate seems to be the small heat shock protein (HSP27/HSP25). In vitro can phosphorylate glycogen synthase at 'Ser-7' and tyrosine hydroxylase (on 'Ser-19' and 'Ser-40'). This kinase phosphorylates Ser in the peptide sequence, Hyd-X-R-X(2)-S, where Hyd is a large hydrophobic residue (By similarity).



Western blot analysis of MAPKAP Kinase 2 expression in A431 cell lysate.

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