

3pK Polyclonal Antibody

kinase; 3pKObserved Band42kDCell PathwayNucleus . Cytoplasm . Predominantly located in the nucleus, when activated it translocates to the cytoplasm.Tissue SpecificityWidely expressed, with a higher expression level observed in heart and skeletal muscle. No expression in brain. Expressed in the retinal pigment epithelium (PubMed:26744326).Functioncatalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Modulator or polycomb-mediated repression, which can be activated either by ERK, p38 and JNK. Substrate of CSBP. In vitro, phosphorylates HSPB1, BMI1/PCGF4 and TCF3.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protei kinase family.,similarity:Contains 1 protein kinase domain.,subcellular location:Predominantly located in the nucleus, when activated it translocates to		
Reactivity Human;Mouse;Rat Applications WB;IHC;IF;ELISA Gene Name MAPKAPK3 Protein Name MAP kinase-activated protein kinase 3 Immunogen The antiserum was produced against synthesized peptide derived from human MAPK3. AA range:301-350 Specificity 3pK Polyclonal Antibody detects endogenous levels of 3pK protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution Western Biot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunohistochemistry: 1/100 - 1/300. Immunohistochemistry: 1/100 - 1/300. Immunohistochemistry: 1/2000. Not yet tested in other applications. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms MAPKAPK3; MAP kinase -activated protein kinase 3; MAPK-activated protein kinase; 3pK Observed Band 42kD Cell Pathway Nucleus. Cytoplasm. Predominantly located in the nucleus, when activated it translocates to the cytoplasm. Tissue Specificity Widely expressed, with a higher expression level observed in heart and skeletal muscle. Ne expression in brain. Expressed in	Catalog No	YP-Ab-14639
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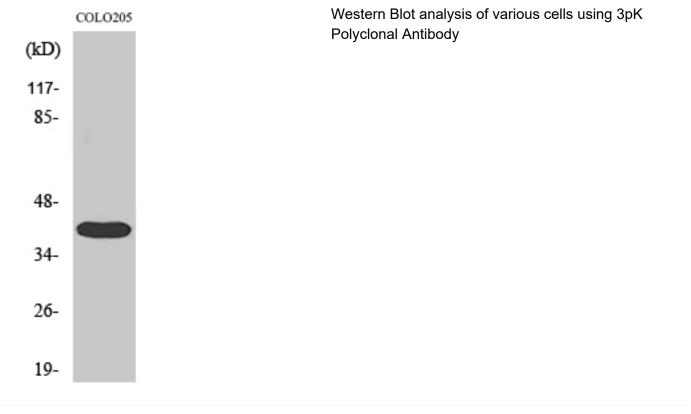
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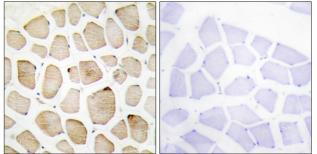
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BackgroundThis gene encodes a member of the Ser/Thr protein kinase family. This kinase
functions as a mitogen-activated protein kinase (MAP kinase)- activated protein
kinase. MAP kinases are also known as extracellular signal-regulated kinases
(ERKs), act as an integration point for multiple biochemical signals. This kinase
was shown to be activated by growth inducers and stress stimulation of cells. In
vitro studies demonstrated that ERK, p38 MAP kinase and Jun N-terminal kinase
were all able to phosphorylate and activate this kinase, which suggested the role
of this kinase as an integrative element of signaling in both mitogen and stress
responses. This kinase was reported to interact with, phosphorylate and repress
the activity of E47, which is a basic helix-loop-helix transcription factor known to
be involved in the regulation of tissue-specific gene expression andmatters needing
attentionAvoid repeated freezing and thawing!Usage suggestionsThis product can be used in immunological reaction related experiments. For

Products Images

more information, please consult technical personnel.





Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue, using MAPK3 Antibody. The picture on the right is blocked with the synthesized peptide.

Website: www.upingBio.com



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