

MLK4 Polyclonal Antibody

Catalog No :	YT2787
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA;IHC
Target :	MLK4
Gene Name :	MLK4
Protein Name :	Mitogen-activated protein kinase kinase kinase MLK4
Human Gene Id :	84451
Human Swiss Prot No :	Q5TCX8
Mouse Swiss Prot No :	Q8VDG6
Immunogen :	The antiserum was produced against synthesized peptide derived from human MAP3KL4. AA range:631-680
Specificity :	MLK4 Polyclonal Antibody detects endogenous levels of MLK4 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000;IHC 1:50-300; ELISA 2000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	110kD

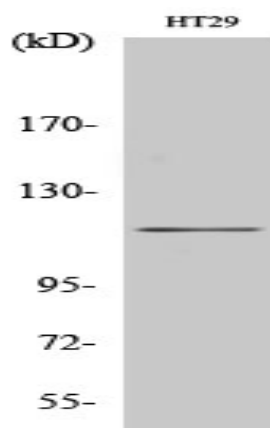
Background : catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Homodimerization via the leucine zipper domains is required for autophosphorylation and subsequent activation.,function:Activates the JUN N-terminal pathway.,PTM:Autophosphorylation on serine and threonine residues within the activation loop plays a role in enzyme activation.,similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SH3 domain.,subunit:Homodimer.,

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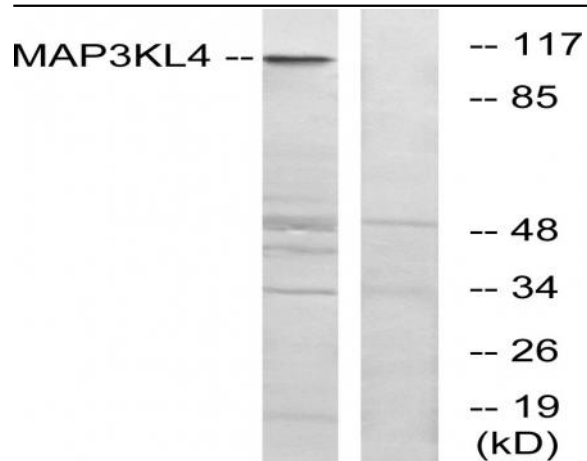
Subcellular Location : intracellular,

Expression : Brain,Heart,

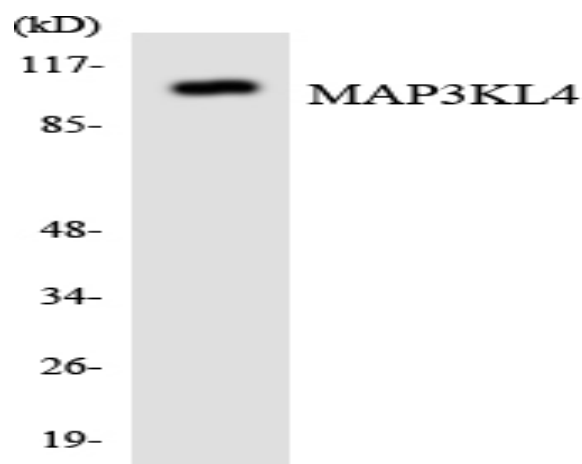
Products Images



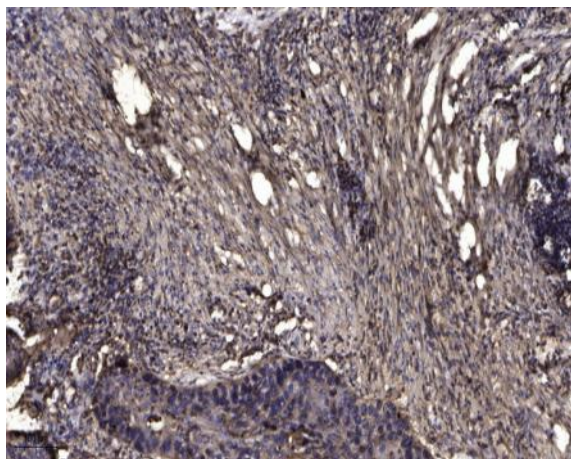
Western Blot analysis of various cells using MLK4 Polyclonal Antibody



Western blot analysis of lysates from HT-29 cells, using MAP3KL4 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using MAP3KL4 antibody.



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).