MEK-6 (Phospho Ser207) Rabbit pAb

CatalogNo: YP0173 Orthogonal Validated

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse,Rat

Applications
- WB,IHC,IF,ELISA

MW
- 37kD (Calculated)

Isotype
- IgG

Storage

Storage*	-15°C to -25°C/1 year (Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-1:2000
IHC 1:100-1:300
ELISA 1:40000
IF 1:50-200

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized phospho-peptide around the phosphorylation site of human MEK-6 (phospho Ser207)

Specificity	Phospho-MEK-6 (S207) Polyclonal Antibody detects endogenous levels of MEK-6 protein only when phosphorylated at S207.The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):VDsVA

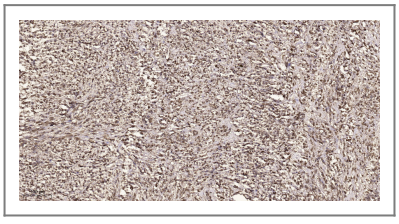
Target Information

Gene name	MAP2K6
Protein Name	Dual specificity mitogen-activated protein kinase kinase 6

Organism	Gene ID	UniProt ID
Human	5608;	P52564;
Mouse	26399;	P70236;

Cellular Localization	Nucleus . Cytoplasm . Cytoplasm , cytoskeleton . Binds to microtubules.
Tissue specificity	Isoform 2 is only expressed in skeletal muscle. Isoform 1 is expressed in skeletal muscle , heart , and in lesser extent in liver or pancreas.
Function	Catalytic activity:ATP + a protein = ADP + a phosphoprotein. ,enzyme regulation:Probably activated by dual phosphorylation on Ser-207 and Thr-211. ,Function:Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in MAP kinase p38 exclusively. ,induction:Strongly activated by UV , anisomycin , and osmotic shock but not by phorbol esters , NGF or EGF. ,PTM:Acetylation of Ser-207 and Thr-211 by Yersinia yopJ prevents phosphorylation and activation , thus blocking the MAPK signaling pathway. ,PTM:Weakly autophosphorylated. ,similarity:Belongs to the protein kinase superfamily. ,similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase subfamily. ,similarity:Contains 1 protein kinase domain. ,subunit:Interacts with Yersinia yopJ. ,tissue specificity:Isoform 2 is only expressed in skeletal muscle. Isoform 1 , on the other hand , is found in skeletal muscle , heart , and in lesser extent in liver or pancreas. ,

Validation Data



Immunohistochemical analysis of paraffin-embedded human small intestinal carcinoma tissue. 1,primary Antibody was diluted at 1:200 (4℃ overnight). 2, Sodium citrate pH 6.0 was used for antigen retrieval (>98℃,20min). 3,Secondary antibody was diluted at 1:200

Contact information

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Please scan the QR code to access additional product information:
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