p38 protein

CatalogNo: YD0079

Key Features

Reactivity
- Human

Applications
- WB,SDS-PAGE

Storage

Storage*	-20°C/6 month,-80°C for long storage
Formulation	Liquid in PBS

Recommended Dilution Ratios

WB 1:500-2000

Basic Information

Source	E.coli
Purification	E.coli
Purity	SDS-PAGE >90%

Immunogen Information

Squence	Amino acid: 292-360, with his-MBP tag.

Target Information

Gene name	MAPK14

Protein Name p38 protein

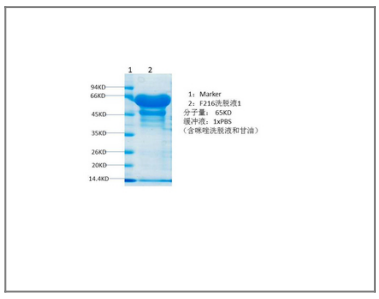
Organism	Gene ID	UniProt ID
Human	1432;	Q16539;
Mouse		P47811;

Cellular Localization Cytoplasm . Nucleus .

Tissue specificity Brain, heart, placenta, pancreas and skeletal muscle. Expressed to a lesser extent in lung, liver and kidney.

Function cell cycle checkpoint, DNA damage checkpoint, skeletal system development, angiogenesis, blood vessel development,vasculature development, chondrocyte differentiation, response to molecule of bacterial origin, monosaccharide metabolic process, glucose metabolic process, regulation of transcription, DNA-dependent, regulation of transcription from RNA polymerase II promoter, protein amino acid phosphorylation, fatty acid metabolic process, phosphorus metabolic process, phosphate metabolic process, cell motion, chemotaxis, response to DNA damage stimulus, cell surface receptor linked signal transduction, intracellular signaling cascade, protein kinase cascade, small GTPase mediated signal transduction, Ras protein signal transduction, muscle organ development, skeletal muscle tissue development, behavior, locomotory behavior, response to bacterium, positive regulation of biosynthetic process,response to organic substance, positive regulation of macromolecule biosynthetic process, positive regulation of macromolecule metabolic process, positive regulation of gene expression, striated muscle tissue development,phosphorylation, hexose metabolic process, fatty acid oxidation, lipid modification, positive regulation of cellular biosynthetic process, DNA integrity checkpoint, lipopolysaccharide-mediated signaling pathway, response to peptidoglycan, response to muramyl dipeptide, response to lipopolysaccharide, regulation of homeostatic process,cellular response to stress, lipid oxidation, taxis, DNA damage response, signal transduction, regulation of transcription, positive regulation of cell differentiation, regulation of myeloid cell differentiation, positive regulation of myeloid cell differentiation, regulation of erythrocyte differentiation, positive regulation of erythrocyte differentiation,positive regulation of transcription, DNA-dependent, positive regulation of nucleobase, nucleoside, nucleotide and nucleic acid metabolic process, positive regulation of transcription, positive regulation of transcription from RNA polymerase II promoter, blood vessel morphogenesis, positive regulation of developmental process, positive regulation of nitrogen compound metabolic process, cartilage development, regulation of RNA metabolic process,positive regulation of RNA metabolic process, regulation of cell cycle, muscle tissue development, skeletal muscle organ development,

Validation Data



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