

Product Datasheet

P38 MAPK Polyclonal Antibody GRP280

Description	The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This kinase is activated by various environmental stresses and proinflammatory cytokines. The activation requires its phosphorylation by MAP kinase kinases (MKKs), or its autophosphorylation triggered by the interaction of MAP3K7IP1/TAB1 protein with this kinase. The substrates of this kinase include transcription regulator ATF2, MEF2C, and MAX, cell cycle regulator CDC25B, and tumor suppressor p53, which suggest the roles of this kinase in stress related transcription and cell cycle regulation, as well as in genotoxic stress response. Four alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]	
Species/Host	Rabbit	the second
Reactivity	Human, Mouse, Rat	and a start
Conjugation	Unconjugated	
Tested Applications	ICC, IF, IHC-P, WB	
Immunogen	KLH conjugated synthetic peptide derived from human P38MAPK (public_immunogen_range: 160-210/360)	
Form/Appearance	Aqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide.	
Concentration	1ug/ul	
Storage	Store at -20°C for 12 months.	IF
Note	For research use only.	
Note Isotype	For research use only. IgG	
Isotype	IgG	
Isotype Clonality	lgG Polyclonal	
Isotype Clonality Purity	IgG Polyclonal Purified by Protein A.	
Isotype Clonality Purity Uniprot ID	IgG Polyclonal Purified by Protein A. Q16539	



