



Rabbit Anti-p38 MAPK delta monoclonal antibody, clone S.729.5 (CABT-L1462)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody is not cross-reactive with other isoforms of p38 MAPK.
Target	MAPK13
Immunogen	Synthetic peptide corresponding to residues around the carboxy terminus of p38d MAPK
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat
Clone	S.729.5
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	IP, WB
Format	Liquid
Buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/ml BSA, 50% glycerol
Preservative	See individual product datasheet
Storage	-20°C

BACKGROUND

Introduction

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 closely related to p38 MAP kinase, both of which can be activated by proinflammatory cytokines and cellular stress. MAP kinase kinases 3, and 6 can phosphorylate and activate this kinase. Transcription factor ATF2, and microtubule dynamics regulator stathmin have been shown to be the substrates of this kinase.

Keywords

MAPK13;mitogen-activated protein kinase 13;SAPK4;PRKM13;MAPK 13;MAPK-13;p38delta;MAP kinase 13;MAP kinase p38 delta;stress-activated protein kinase 4;mitogen-activated protein kinase p38 delta