

Anti-MEK6 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse (predicted: Rat, Dog, Pig, Cow, Rabbit)
Molecular Weight:	Theoretical: 37 kDa. Actual: 35 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Sample:
	A673 (Human) Cell Lysate at 30 µg
	Hela (Human) Cell Lysate at 30 µg
	Primary: Anti-MEK6 (TMAB-08738) at 1/1000 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 37 kD
	Observed band size: 35 kD
	2. Sample: NIH/3T3 (Mouse) Cell Lysate at 30 µg
	Primary: Anti-MEK6 (TMAB-08738) at 1/1000 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 37 kD	
Observed band size: 35 kD	
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human MEK6
Antigen Species:	Human
Gene ID:	5608
Uniprot ID:	P52564

Research Background

Mitogen activated protein kinase kinase 6 (MEK6 or MKK6) belongs to the serine/threonine protein kinase family and the MAPK kinase subfamily (MAP2K, MKK or MEKs). MEK6, closely related to MEK3, catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in MAP kinase p38, thus activating it, in response to inflammatory cytokines and environmental stress.

As an essential component of p38 MAP kinase mediated signal transduction pathway, this protein is involved in many cellular processes such as stress induced cell cycle arrest, transcription activation and apoptosis.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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