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(DANRE) mapk8 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # Azb18717a

Product Information

Application	WB, E
Primary Accession	Q9DGD9
Reactivity	Zebrafish
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB43120
Calculated MW	44140

Additional Information

Gene ID	65236
Other Names	Mitogen-activated protein kinase 8, MAP kinase 8, MAPK 8, Stress-activated protein kinase JNK1, c-Jun N-terminal kinase 1, mapk8, jnk1
Target/Specificity	This DANRE mapk8 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 183-215 amino acids from the human region of DANRE mapk8.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	(DANRE) mapk8 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	mapk8
Synonyms	jnk1
Function	Responds to activation by environmental stress and pro- inflammatory cytokines by phosphorylating a number of transcription factors, primarily

components of AP-1 such as c-Jun and ATF2 and thus regulates AP-1 transcriptional activity. May play a role in the regulation of the circadian clock.

Cellular Location Cytoplasm {ECO:0000250|UniProtKB:P49185}. Nucleus {ECO:0000250|UniProtKB:Q91Y86}. Synapse {ECO:0000250|UniProtKB:P49185}

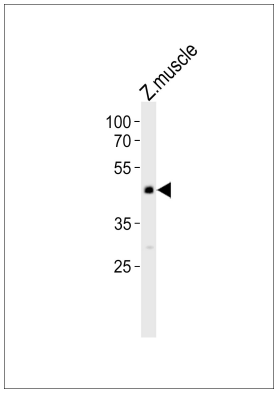
Background

Responds to activation by environmental stress and pro- inflammatory cytokines by phosphorylating a number of transcription factors, primarily components of AP-1 such as c-Jun and ATF2 and thus regulates AP-1 transcriptional activity (By similarity).

References

Fujii R.,et al.J. Cell Biol. 150:1335-1348(2000).

Images



Western blot analysis of lysate fromzebra fish muscle tissue lysate, using (DANRE) mapk8 Antibody(Cat. #Azb18717a). Azb18717a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 35ug.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.