

# (DANRE) mapk8 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # Azb18717a

## Product Information

---

|                   |                        |
|-------------------|------------------------|
| Application       | WB, E                  |
| Primary Accession | <a href="#">Q9DGD9</a> |
| Reactivity        | Zebrafish              |
| 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).

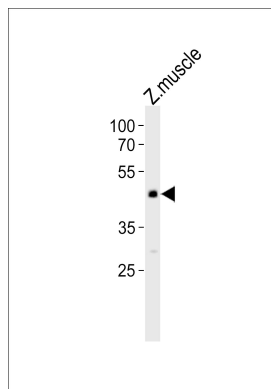
## References

---

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

## Images

---



Western blot analysis of lysate from zebra 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'.