

Zebrafish mapk12 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # Azb18716c**Specification**

Zebrafish mapk12 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O42376
Reactivity	Zebrafish
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	319-353

Zebrafish mapk12 Antibody (C-term) - Additional Information**Other Names**

Mitogen-activated protein kinase 12, MAP kinase 12, MAPK 12, Stress-activated protein kinase 3, mapk12, sapk3

Target/Specificity

This Zebrafish mapk12 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 319-353 amino acids of zebrafish mapk12.

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

Zebrafish mapk12 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Zebrafish mapk12 Antibody (C-term) - Protein Information

Name mapk12

Synonyms sapk3

Function Serine/threonine kinase which acts as an essential component of the MAP kinase signal transduction pathway. MAPK12 is one of the four p38 MAPKs which play an important role in the

cascades of cellular responses evoked by extracellular stimuli such as pro-inflammatory cytokines or physical stress leading to direct activation of transcription factors. Accordingly, p38 MAPKs phosphorylate a broad range of proteins and it has been estimated that they may have approximately 200 to 300 substrates each. Some of the targets are downstream kinases such as MAPKAPK2, which are activated through phosphorylation and further phosphorylate additional targets (By similarity).

Cellular Location

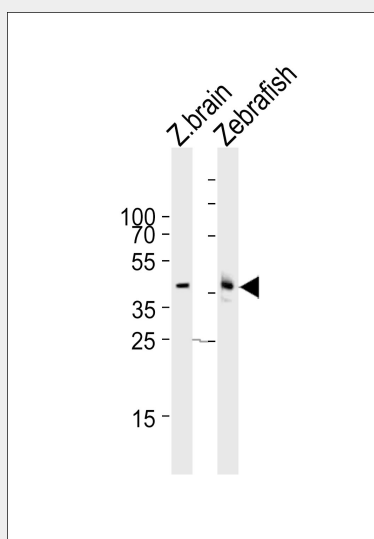
Cytoplasm.

Zebrafish mapk12 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Zebrafish mapk12 Antibody (C-term) - Images



Western blot analysis of lysates from zebrafish brain, zebrafish tissue lysate (from left to right), using Zebrafish mapk12 Antibody (C-term) (Cat. #Azb18716c). Azb18716c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

Zebrafish mapk12 Antibody (C-term) - Background

Serine/threonine kinase which acts as an essential component of the MAP kinase signal transduction pathway. MAPK12 is one of the four p38 MAPKs which play an important role in the cascades of cellular responses evoked by extracellular stimuli such as proinflammatory cytokines or physical stress leading to direct activation of transcription factors. Accordingly, p38 MAPKs phosphorylate a broad range of proteins and it has been estimated that they may have

approximately 200 to 300 substrates each. Some of the targets are downstream kinases such as MAPKAPK2, which are activated through phosphorylation and further phosphorylate additional targets (By similarity).

Zebrafish mapk12 Antibody (C-term) - References

Goedert M., et al. Submitted (OCT-1997) to the EMBL/GenBank/DDBJ databases.