

MEKK15 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11542b**Specification**

MEKK15 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q6ZN16](#)**MEKK15 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 389840**Other Names**

Mitogen-activated protein kinase kinase kinase 15, Apoptosis signal-regulating kinase 3, MAPK/ERK kinase kinase 15, MEK kinase 15, MEKK 15, MAP3K15, ASK3

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

MEKK15 Antibody (C-term) Blocking peptide - Protein Information**Name** MAP3K15**Synonyms** ASK3**Function**

Serine/threonine kinase which acts as a component of the MAP kinase signal transduction pathway (PubMed:20362554, PubMed:26732173). Once activated, acts as an upstream activator of the p38 MAPK signal transduction cascade through the phosphorylation and activation of several MAP kinase kinases (PubMed:20362554, PubMed:26732173). May function in a signal transduction pathway that is activated by various cell stresses and leads to apoptosis (PubMed:20362554). Involved in phosphorylation of WNK4 in response to osmotic stress or hypotonic low- chloride stimulation via the p38 MAPK signal transduction cascade (PubMed:26732173).

Tissue Location

Isoform 2 and isoform 3 are widely expressed. Isoform 2 highest levels are observed in fetal brain,

and isoform 3 highest levels in pancreas, peripheral blood leukocytes, fetal brain and spleen.

MEKK15 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

MEKK15 Antibody (C-term) Blocking peptide - Images

MEKK15 Antibody (C-term) Blocking peptide - Background

MEKK15 is a member of the mitogen-activated protein kinase (MAPK) family. These family members function in a protein kinase signal transduction cascade, where an activated MAPK kinase kinase (MAP3K) phosphorylates and activates a specific MAPK kinase (MAP2K), which then activates a specific MAPK. This MAP3K protein plays an essential role in apoptotic cell death triggered by cellular stresses. [provided by RefSeq].

MEKK15 Antibody (C-term) Blocking peptide - References

Kaji, T., et al. Biochem. Biophys. Res. Commun. 395(2):213-218(2010)