

KIAA0748 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP11470a**Specification**

KIAA0748 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [A2RU30](#)
Other Accession [NP_001129502.1](#), [NP_001092285.1](#)

KIAA0748 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 9840

Other Names

Protein TESPA1, Thymocyte-expressed positive selection-associated protein 1, TESPA1, KIAA0748

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.

KIAA0748 Antibody (N-term) Blocking peptide - Protein Information

Name TESPA1

Synonyms KIAA0748

Function

Required for the development and maturation of T-cells, its function being essential for the late stages of thymocyte development (By similarity). Plays a role in T-cell antigen receptor (TCR)-mediated activation of the ERK and NFAT signaling pathways, possibly by serving as a scaffolding protein that promotes the assembly of the LAT signalosome in thymocytes. May play a role in the regulation of inositol 1,4,5-trisphosphate receptor-mediated Ca(2+) release and mitochondrial Ca(2+) uptake via the mitochondria-associated endoplasmic reticulum membrane (MAM) compartment.

Cellular Location

Cytoplasm. Endoplasmic reticulum membrane. Note=May localize to mitochondria- associated endoplasmic reticulum membrane (MAM)

KIAA0748 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

KIAA0748 Antibody (N-term) Blocking peptide - Images

KIAA0748 Antibody (N-term) Blocking peptide - References

Bailey, S.D., et al. Diabetes Care (2010) In press :Talmud, P.J., et al. Am. J. Hum. Genet.
85(5):628-642(2009)