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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

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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)