

FAM102A Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11712b**Specification**

FAM102A Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q5T9C2](#)**FAM102A Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 399665**Other Names**

Protein FAM102A, Early estrogen-induced gene 1 protein, FAM102A, C9orf132, EEIG1

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.

FAM102A Antibody (C-term) Blocking peptide - Protein Information**Name** EEIG1 {ECO:0000303|PubMed:14605097, ECO:0000312|HGNC:HGNC:31419}**Function**

Key component of TNFSF11/RANKL- and TNF-induced osteoclastogenesis pathways, thereby mediates bone resorption in pathological bone loss conditions (By similarity). Required for TNFSF11/RANKL-induced osteoclastogenesis via its interaction with TNFRSF11A/RANK, thereby facilitates the downstream transcription of NFATC1 and activation of PLCG2 (By similarity). Facilitates recruitment of the transcriptional repressor PRDM1/BLIMP1 to the promoter of the anti-osteoclastogenesis gene IRF8, thereby resulting in transcription of osteoclast differentiation factors (By similarity). May play a role in estrogen action (PubMed:14605097).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q78T81}. Cytoplasm {ECO:0000250|UniProtKB:Q78T81}. Membrane raft {ECO:0000250|UniProtKB:Q78T81}

FAM102A Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

FAM102A Antibody (C-term) Blocking peptide - Images**FAM102A Antibody (C-term) Blocking peptide - Background**

Members of the CELF/BRUNOL protein family contain two N-terminal RNA recognition motif (RRM) domains, one C-terminal RRM domain, and a divergent segment of 160-230 aa between the second and third RRM domains. Members of this protein family regulate pre-mRNA alternative splicing and may also be involved in mRNA editing, and translation. Multiple alternatively spliced transcript variants encoding different isoforms have been identified in this gene.

FAM102A Antibody (C-term) Blocking peptide - References

Ladd, A.N., et al. J. Biol. Chem. 279(17):17756-17764(2004) Wistow, G., et al. Mol. Vis. 8, 205-220 (2002) :Good, P.J., et al. J. Biol. Chem. 275(37):28583-28592(2000)