

**THNS2 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP4839a****Specification**

---

**THNS2 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q86YJ6](#)**THNS2 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 55258**Other Names**

Threonine synthase-like 2, TSH2, 423-, Secreted osteoclastogenic factor of activated T-cells, SOFAT, THNSL2

**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.

**THNS2 Antibody (N-term) Blocking Peptide - Protein Information****Name** THNSL2**Function**

[Isoform 1]: Acts as a catabolic phospho-lyase on both gamma- and beta-phosphorylated substrates. Degrades O-phospho-threonine (PThr) to alpha-ketobutyrate, ammonia and phosphate (By similarity).

**Cellular Location**

[Isoform SOFAT]: Secreted. Note=Secreted by activated T-cells via a calcineurin-independent pathway

**THNS2 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**THNS2 Antibody (N-term) Blocking Peptide - Images**

**THNS2 Antibody (N-term) Blocking Peptide - Background**

THNS2 acts as a catabolic phospho-lyase on both gamma-and beta-phosphorylated substrates. THNS2 degrades O-phospho-threonine (PThr) to alpha-ketobutyrate, ammonia and phosphate.

**THNS2 Antibody (N-term) Blocking Peptide - References**

Donini, S., et al. Biochem. Biophys. Res. Commun. 350(4):922-928(2006) Hallikas, O., et al. Cell 124(1):47-59(2006)