

TCN1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP19176b**Specification**

TCN1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [P20061](#)

TCN1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 6947

Other Names

Transcobalamin-1, TC-1, Haptocorrin, HC, Protein R, Transcobalamin I, TC I, TCI, TCN1, TC1

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.

TCN1 Antibody (C-term) Blocking Peptide - Protein Information

Name TCN1

Synonyms TC1

Function

Binds vitamin B12 with femtomolar affinity and protects it from the acidic environment of the stomach.

Cellular Location

Secreted.

Tissue Location

Produced by the salivary glands of the oral cavity, in response to ingestion of food. Major constituent of secondary granules in neutrophils.

TCN1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TCN1 Antibody (C-term) Blocking Peptide - Images

TCN1 Antibody (C-term) Blocking Peptide - Background

This gene encodes a member of the vitamin B12-binding protein family. This family of proteins, alternatively referred to as R binders, is expressed in various tissues and secretions. This protein is a major constituent of secondary granules in neutrophils and facilitates the transport of cobalamin into cells. [provided by RefSeq].

TCN1 Antibody (C-term) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Garrod, M.G., et al. Eur J Clin Nutr 64(5):503-509(2010) Matteini, A.M., et al. J Nutr Health Aging 14(1):73-77(2010) McGeachie, M., et al. Circulation 120(24):2448-2454(2009) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)