

TCN1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19176B

Specification

TCN1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	P20061
Other Accession	NP_001053.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	48207
Antigen Region	406-433

TCN1 Antibody (C-term) - Additional Information

Gene ID 6947

Other Names

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

Target/Specificity

This TCN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 406-433 amino acids from the C-terminal region of human TCN1.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TCN1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TCN1 Antibody (C-term) - 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

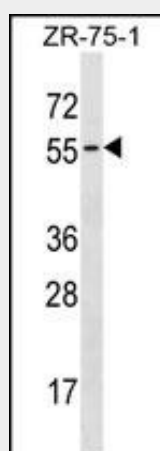
Produced by the salivary glands of the oral cavity, in response to ingestion of food. Major constituent of secondary granules in neutrophils.

TCN1 Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TCN1 Antibody (C-term) - Images



TCN1 Antibody (C-term) (Cat. #AP19176b) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the TCN1 antibody detected the TCN1 protein (arrow).

TCN1 Antibody (C-term) - 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) - 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)