

TGIF2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14807b**Specification**

TGIF2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q9GZN2](#)

TGIF2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 60436

Other Names

Homeobox protein TGIF2, 5'-TG-3'-interacting factor 2, TGF-beta-induced transcription factor 2, TGFB-induced factor 2, TGIF2

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.

TGIF2 Antibody (C-term) Blocking Peptide - Protein Information

Name TGIF2

Function

Transcriptional repressor, which probably repress transcription by binding directly the 5'-CTGTCAA-3' DNA sequence or by interacting with TGF-beta activated SMAD proteins. Probably represses transcription via the recruitment of histone deacetylase proteins.

Cellular Location

Nucleus. Note=Excluded from nucleoli.

Tissue Location

Widely expressed. Highly expressed in heart, kidney and testis. Weakly expressed in brain and prostate

TGIF2 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TGIF2 Antibody (C-term) Blocking Peptide - Images

TGIF2 Antibody (C-term) Blocking Peptide - Background

The protein encoded by this gene is a DNA-binding homeobox protein and a transcriptional repressor. The encoded protein appears to repress transcription by recruiting histone deacetylase to TGF beta-responsive genes. This gene is amplified and overexpressed in some ovarian cancers, and mutations in this gene can cause holoprosencephaly.

TGIF2 Antibody (C-term) Blocking Peptide - References

Watanabe, T., et al. Jpn. J. Cancer Res. 93(10):1114-1122(2002) Deloukas, P., et al. Nature 414(6866):865-871(2001) Melhuish, T.A., et al. J. Biol. Chem. 276(34):32109-32114(2001) Imoto, I., et al. Biochem. Biophys. Res. Commun. 276(1):264-270(2000)