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TBX6 Antibody (Center W158) Blocking peptide

Synthetic peptide
Catalog # BP11675c

Specification

TBX6 Antibody (Center W158) Blocking peptide - Product Information

Primary Accession O95947

TBX6 Antibody (Center W158) Blocking peptide - Additional Information

Gene ID 6911

Other Names
T-box transcription factor TBX6, T-box protein 6, TBX6

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.

TBX6 Antibody (Center W158) Blocking peptide - Protein Information

Name TBX6

Function
T-box transcription factor that plays an essential role in the determination of the fate of axial stem cells: neural vs mesodermal. Acts in part by down-regulating, a specific enhancer (N1) of SOX2, to inhibit neural development. Seems to play also an essential role in left/right axis determination and acts through effects on Notch signaling around the node as well as through an effect on the morphology and motility of the nodal cilia (By similarity).

Cellular Location
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00201}.

Tissue Location
Expressed in fetal tail bud, posterior spinal tissue, intervertebral disk and testis. Also expressed in adult testis, kidney, lung, muscle and thymus

TBX6 Antibody (Center W158) Blocking peptide - Protocols

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

- Blocking Peptides

TBX6 Antibody (Center W158) Blocking peptide - Images

TBX6 Antibody (Center W158) Blocking peptide - Background

This gene is a member of the inhibitor of apoptosis (IAP)gene family, which encode negative regulatory proteins that preventapoptotic cell death. IAP family members usually contain multiplebaculovirus IAP repeat (BIR) domains, but this gene encodesproteins with only a single BIR domain. The encoded proteins alsolack a C-terminus RING finger domain. Gene expression is highduring fetal development and in most tumors yet low in adulttissues. Antisense transcripts are involved in the regulation ofthis gene's expression. At least four transcript variants encodingdistinct isoforms have been found for this gene, but thefull-length natures of only three of them have been determined.

TBX6 Antibody (Center W158) Blocking peptide - References

Nabilsi, N.H., et al. J. Endocrinol. 207(2):237-243(2010)Valenzuela, M., et al. J. Infect. Dis. 202(7):1021-1030(2010)Yoon, S., et al. FEBS Lett. 584(18):4048-4052(2010)Ezponda, T., et al. Clin. Cancer Res. 16(16):4113-4125(2010)Sawai, K., et al. Oncol. Res. 18 (11-12), 541-547 (2010) :