

## **VENTX Antibody (Center)**

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP18077c

### **Specification**

# **VENTX Antibody (Center) - Product Information**

**Application** WB,E **Primary Accession** 095231 NP 055283.1 Other Accession Reactivity Human Host **Rabbit** Clonality **Polyclonal** Isotype Rabbit IgG Calculated MW 27552 Antigen Region 58-87

### **VENTX Antibody (Center) - Additional Information**

#### **Gene ID 27287**

#### **Other Names**

Homeobox protein VENTX, VENT homeobox homolog, VENT-like homeobox protein 2, VENTX, HPX42B, VENTX2

### Target/Specificity

This VENTX antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 58-87 amino acids from the Central region of human VENTX.

### **Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

#### **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**

VENTX Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## **VENTX Antibody (Center) - Protein Information**

#### Name VENTX



Synonyms HPX42B, VENTX2

Function May be involved in ventralization.

**Cellular Location** 

Nucleus.

### **Tissue Location**

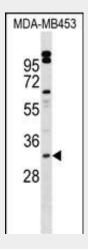
Expressed in bone marrow of patients recovering from chemotherapy. Also expressed in an erythroleukemia cell line

## **VENTX Antibody (Center) - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## **VENTX Antibody (Center) - Images**

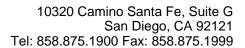


VENTX Antibody (Center) (Cat. #AP18077c) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the VENTX antibody detected the VENTX protein (arrow).

## **VENTX Antibody (Center) - Background**

This gene encodes a member of the Vent family of homeodomain proteins. The encoded protein may function as a transcriptional repressor and be involved in mesodermal patterning and hemopoietic stem cell maintenance. Multiple pseudogenes exist for this gene. A transcribed pseudogene located on chromosome X may lead to antigen production in certain melanomas. [provided by RefSeq].

## **VENTX Antibody (Center) - References**





Rawat, V.P., et al. Proc. Natl. Acad. Sci. U.S.A. 107(39):16946-16951(2010) Gao, H., et al. Cancer Res. 70(1):202-211(2010) Holland, P.W., et al. BMC Biol. 5, 47 (2007): Moretti, P.A., et al. Genomics 76 (1-3), 21-29 (2001): Moreau-Aubry, A., et al. J. Exp. Med. 191(9):1617-1624(2000)