

VENTX Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18077c**Specification**

VENTX Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O95231
Other Accession	NP_055283.1
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

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

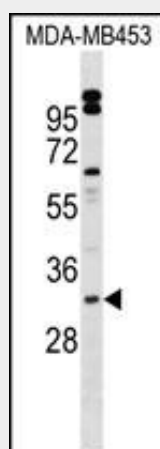
Expressed in bone marrow of patients recovering from chemotherapy. Also expressed in an erythroleukemia cell line

VENTX Antibody (Center) - Protocols

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

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