

TLX1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12489c**Specification**

TLX1 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	P31314
Other Accession	O93366 , NP_005512.1
Reactivity	Mouse
Predicted	Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	34365
Antigen Region	163-191

TLX1 Antibody (Center) - Additional Information**Gene ID** 3195**Other Names**

T-cell leukemia homeobox protein 1, Homeobox protein Hox-11, Proto-oncogene TCL-3, T-cell leukemia/lymphoma protein 3, TLX1, HOX11, TCL3

Target/Specificity

This TLX1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 163-191 amino acids from the Central region of human TLX1.

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

TLX1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TLX1 Antibody (Center) - Protein Information**Name** TLX1

Synonyms HOX11, TCL3

Function Controls the genesis of the spleen. Binds to the DNA sequence 5'-GGCGGTAAGTGG-3'.

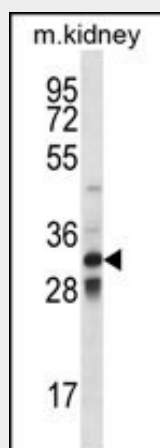
Cellular Location
Nucleus.

TLX1 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](#)

TLX1 Antibody (Center) - Images



TLX1 Antibody (Center) (Cat. #AP12489c) western blot analysis in mouse kidney tissue lysates (35ug/lane). This demonstrates the TLX1 antibody detected the TLX1 protein (arrow).

TLX1 Antibody (Center) - Background

This gene encodes a nuclear transcription factor that belongs to the NK-linked or NK-like (NKL) subfamily of homeobox genes. The encoded protein is required for normal development of the spleen during embryogenesis. This protein is also involved in specification of neuronal cell fates. Ectopic expression of this gene due to chromosomal translocations is associated with certain T-cell acute lymphoblastic leukemias. Alternate splicing results in multiple transcript variants.

TLX1 Antibody (Center) - References

De Keersmaecker, K., et al. Nat. Med. 16(11):1321-1327(2010)
Milech, N., et al. Leuk. Res. 34(3):358-363(2010)

Zweier-Renn, L.A., et al. Genes Chromosomes Cancer 49(2):119-131(2010)

Riz, I., et al. Mol. Cancer 9, 181 (2010) :

Dear, T.N., et al. Proc. Natl. Acad. Sci. U.S.A. 90(10):4431-4435(1993)