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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

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'.

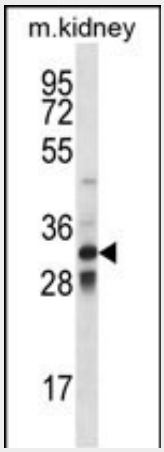
Cellular Location
Nucleus.

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 Cytomety
- 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)

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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)