

Anti-TLX3 Antibody

Catalog Number: A14535

About TLX3

The Hox proteins play a role in patterns of embryonic development and cellular differentiation by regulating downstream target genes. TLX3, also known as homeobox11-like1 (HOX11L2), is a DNA-binding nuclear transcription factor that is expressed in a subset of the primary sensory nervous system. TLX3, along with the related TLX1, is a selector transcription factor that promotes an excitatory glutamatergic neuronal phenotype over an inhibitory GABAergic phenotype opposing LBX1 signals during dorsal spinal cord development. Chromosomal translocations of the TLX3 gene have been shown to result in some forms of T-cell acute lymphoblastic leukemia (T-ALL).

Overview

Product Name	Anti-TLX3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TLX3 Antibody (Catalog # A14535). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	TLX3 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	TLX3 antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	O43711

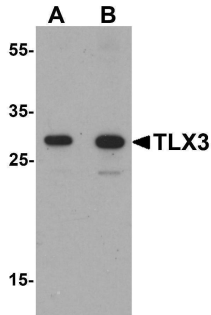
Technical Details

Immunogen	TLX3 antibody was raised against a 16 amino acid peptide near the amino terminus of human TLX3. The immunogen is located within the first 50 amino acids of TLX3.
Predicted Reactive Species	Rabbit
Cross Reactivity	TLX3 antibody is predicted to not cross-react with other TLX proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	TLX3 Antibody is affinity chromatography purified via peptide column.

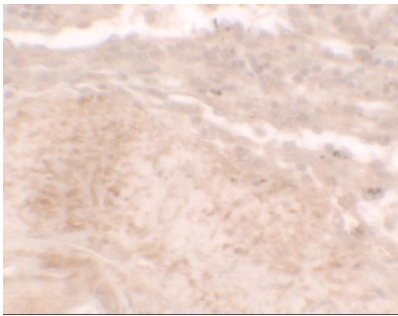
Suggested Dilutions

TLX3 antibody can be used for detection of TLX3 by Western blot at 0.5 - 1 ug/mL.
Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

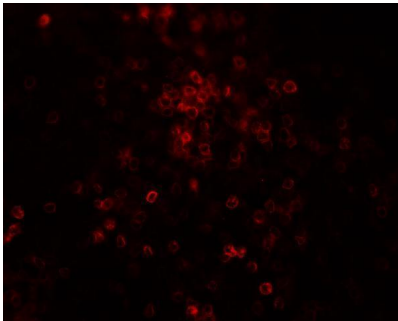
Anti-TLX3 Antibody (A14535) Images



Western blot analysis of TLX3 in human spleen tissue lysate with TLX3 antibody at (A) 0.5 and (B) 1 ug/mL.



Immunohistochemistry of TLX3 in human spleen tissue with TLX3 antibody at 2.5 ug/ml.



Immunofluorescence of TLX3 in human spleen tissue with TLX3 antibody at 20 ug/ml.

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Anti-TLX3 Antibody

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