

Product datasheet for **TA319908**

TLX3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 0.5 - 1 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	TLX3 antibody was raised against a 16 amino acid peptide near the amino terminus of human TLX3.
Formulation:	TLX3 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	TLX3 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 32 kDa; Observed: 30 kDa
Gene Name:	T-cell leukemia homeobox 3
Database Link:	NP_066305 Entrez Gene 27140 Mouse Entrez Gene 497881 Rat Entrez Gene 30012 Human O43711



[View online »](#)

Background:

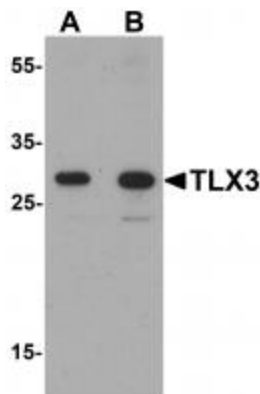
TLX3 Antibody: The Hox proteins play a role in patterns of embryonic development and cellular differentiation by regulating downstream target genes. TLX3, also known as homeobox11-like1 (HOX11L2), is a DNA-binding nuclear transcription factor that is expressed in a subset of the primary sensory nervous 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).

Synonyms:

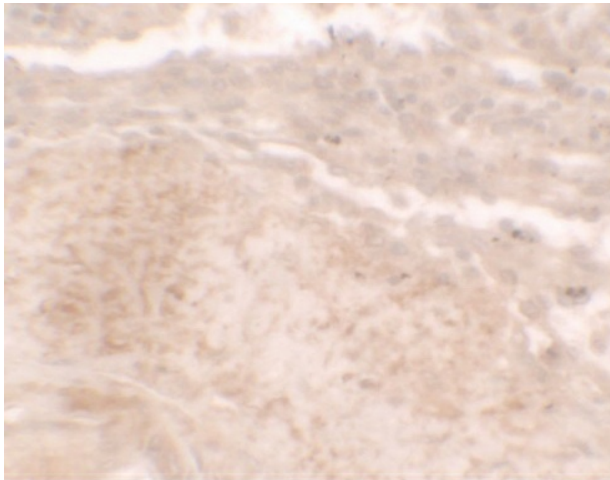
HOX11L2; RNX

Protein Families:

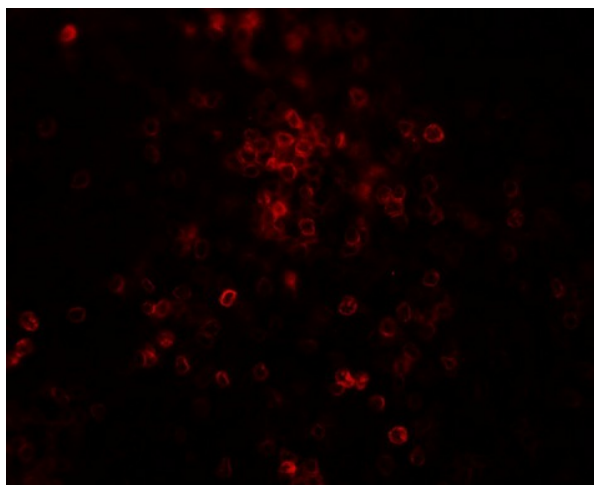
Transcription Factors

Product 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.