

Datasheet for ABIN6991868
anti-TLX3 antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	TLX3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TLX3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product 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.
Isotype:	IgG
Specificity:	TLX3 antibody is predicted to not cross-react with other TLX proteins.
Purification:	TLX3 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TLX3
Alternative Name:	TLX3 (TLX3 Products)

Target Details

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).
Molecular Weight:	Predicted: 32 kDa Observed: 30 kDa
Gene ID:	30012
NCBI Accession:	NP_066305
UniProt:	O43711

Application Details

Application Notes:	TLX3 antibody can be used for detection of TLX3 by Western blot at 0.5 - 1 µg/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.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	TLX3 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	TLX3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.