

Datasheet for ABIN6991867
anti-TLX2 antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	TLX2
Binding Specificity:	AA 20-70, N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TLX2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	TLX2 antibody was raised against an 18 amino acid peptide near the amino terminus of human TLX2. The immunogen is located within amino acids 20 - 70 of TLX2.
Isotype:	IgG
Specificity:	TLX2 antibody is predicted to not cross-react with other TLX proteins.
Purification:	TLX2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TLX2
Alternative Name:	TLX2 (TLX2 Products)

Target Details

Background:	TLX2 Antibody: The Hox proteins play a role in patterns of embryonic development and cellular differentiation by regulating downstream target genes. TLX2, also known as homeobox11-like 1 (HOX11L1), is a DNA-binding nuclear transcription factor that appears to be crucial for the development of the peripheral nervous system. TLX2 is a downstream target of regulation by both PHOX2A and PHOX2B proteins during intestinal neuronal differentiation. In humans, loss-of-function of TLX2 may play a role in tumorigenesis of gastrointestinal stromal tumors.
Molecular Weight:	Predicted: 31 kDa Observed: 30 kDa
Gene ID:	3196
NCBI Accession:	NP_057254
UniProt:	O43763

Application Details

Application Notes:	TLX2 antibody can be used for detection of TLX2 by Western blot at 0.5 - 1 µg/mL. Antibody validated: Western Blot in rat samples, Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	TLX2 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:	TLX2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.