

Anti-TLX2 Antibody

Catalog Number: A11164

About TLX2

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.

Overview

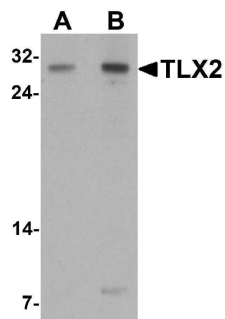
Product Name	Anti-TLX2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TLX2 Antibody (Catalog # A11164). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	TLX2 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	TLX2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	O43763

Technical Details

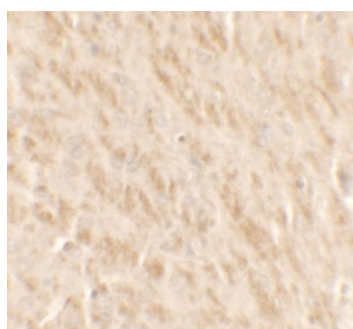
Immunogen	TLX2 antibody was raised against an 18 amino acid peptide near the amino terminus of human TLX2. The immunogen is located within amino acids 20 - 70 of TLX2.
Predicted Reactive Species	Bovine, Mouse, Pig, Rat
Cross Reactivity	TLX2 antibody is predicted to not cross-react with other TLX proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	TLX2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	TLX2 antibody can be used for detection of TLX2 by Western blot at 0.5 - 1 ug/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. Optimal dilutions for each application should be determined by the researcher.

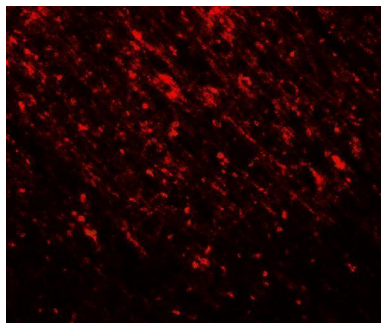
Anti-TLX2 Antibody (A11164) Images



Western blot analysis of TLX2 in rat brain tissue lysate with TLX2 antibody at (A) 0.5 and (B) 1 ug/mL.



Immunohistochemistry of TLX2 in rat brain tissue with TLX2 antibody at 2.5 ug/ml.



Immunofluorescence of TLX2 in rat brain tissue with TLX2 antibody at 20 ug/ml.

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Anti-TLX2 Antibody

For Research Use Only. Not for use in diagnostic procedures.