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Datasheet for ABIN5690292  
**anti-TLX2 antibody (AA 20-70)**

### Overview

Quantity:	0.1 mg
Target:	TLX2
Binding Specificity:	AA 20-70
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
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 ( <a href="#">TLX2 Products</a> )

## Target Details

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**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

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**Application Notes:** TLX2 antibody can be used for detection of TLX2 by Western blot at 0.5 - 1 µg/mL.

**Restrictions:** For Research Use only

## Handling

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**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:** 4 °C, -20 °C

**Storage Comment:** TLX2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.