

Product datasheet for **TA319662**

TLX2 Rabbit Polyclonal Antibody

Product data:

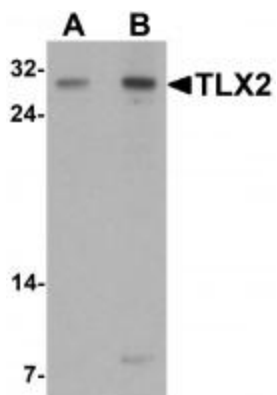
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 0.5 - 1 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	TLX2 antibody was raised against an 18 amino acid peptide near the amino terminus of human TLX2.
Formulation:	TLX2 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	TLX2 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 31 kDa; Observed: 30 kDa
Gene Name:	T-cell leukemia homeobox 2
Database Link:	NP_057254 Entrez Gene 21909 MouseEntrez Gene 680117 RatEntrez Gene 3196 Human O43763
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.
Synonyms:	HOX11L1; NCX



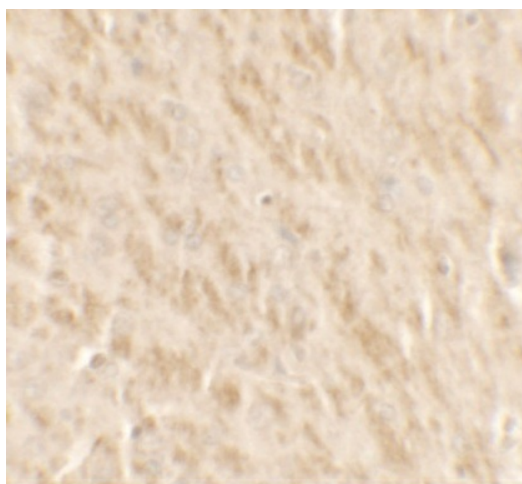
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Protein Families: Transcription Factors

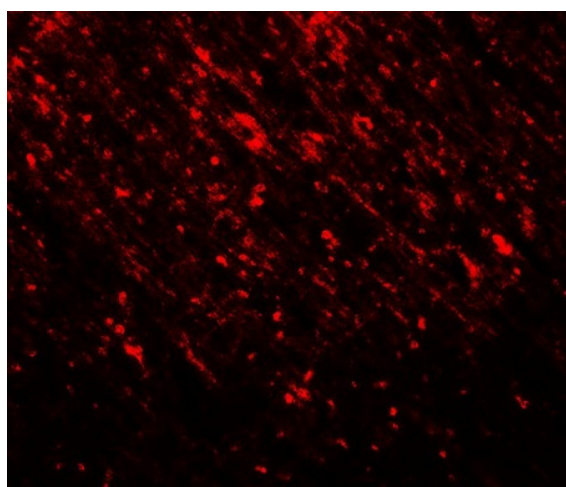
Product images:



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.