10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TLX3 Rabbit pAb

TLX3 Rabbit pAb
Catalog # AP58401

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	O43711
Reactivity	Rat, Pig, Mouse, Rabbit, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31867
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TLX3
Epitope Specificity	201-291/291
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nuclear
SIMILARITY	Contains 1 homeobox DNA-binding domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	TLX3 (HOX11L2, RNX) belongs to a family of orphan homeobox genes that encode DNA binding nuclear transcription factors. Members of the HOX11 gene family are characterized by a threonine 47 replacing cytosine in the highly conserved homeodomain. This transcription factor is required for hematopoiesis. It is overexpressed in childhood acute lumphoblastic leukemia.

Additional Information

Gene ID	30012
Other Names	T-cell leukemia homeobox protein 3, Homeobox protein Hox-11L2, TLX3, HOX11L2
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	TLX3
Synonyms	HOX11L2
Cellular Location	Nucleus.

Background

TLX3 (HOX11L2, RNX) belongs to a family of orphan homeobox genes that encode DNA binding nuclear transcription factors. Members of the HOX11 gene family are characterized by a threonine 47 replacing cytosine in the highly conserved homeodomain. This transcription factor is required for hematopoiesis. It is overexpressed in childhood acute lumphoblastic leukemia.