

NRL Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51804

Product Information

Application	WB
Primary Accession	P54845
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25940

Additional Information

Gene ID	4901
Other Names	Neural retina-specific leucine zipper protein, NRL, NRL, D14S46E
Target/Specificity	KLH conjugated synthetic peptide derived from human NRL
Dilution	WB~~ 1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	NRL
Synonyms	D14S46E
Function	Acts as a transcriptional activator which regulates the expression of several rod-specific genes, including RHO and PDE6B (PubMed: 21981118). Also functions as a transcriptional coactivator, stimulating transcription mediated by the transcription factor CRX and NR2E3 (PubMed: 17335001). Binds to the rhodopsin promoter in a sequence- specific manner (PubMed: 17335001).
Cellular Location	Cytoplasm. Nucleus
Tissue Location	Expressed in the brain and the retina (PubMed:11477108). Expressed strongly in rod and cone cells (at protein level) (PubMed:11477108).

Background

Transcription factor which regulates the expression of several rod-specific genes, including RHO and PDE6B (By similarity).

References

Swaroop A., et al. Proc. Natl. Acad. Sci. U.S.A. 89:266-270(1992).

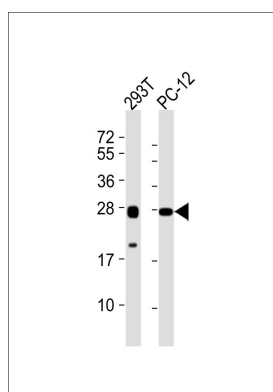
Jackson A.U., et al. Submitted (OCT-1993) to the EMBL/GenBank/DDBJ databases.

Farjo Q., et al. Genomics 45:395-401(1997).

Li W.B., et al. Submitted (JAN-2003) to the EMBL/GenBank/DDBJ databases.

Kalnine N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.

Images



All lanes : Anti-NRL Antibody at 1:1000 dilution Lane 1: 293T whole cell lysates Lane 2: PC-12 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 26 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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