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Nrl Polyclonal Antibody

Catalog # AP71376

Product Information

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

Additional Information

Gene ID	4901
Other Names	NRL; D14S46E; Neural retina-specific leucine zipper protein; NRL
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

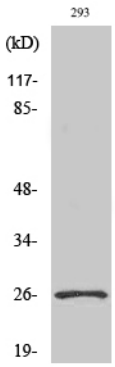
Name	NRL
Synonyms	D14S46E
Function	Acts as a transcriptional activator which regulates the expression of several rod-specific genes, including RHO and PDE6B (PubMed:21981118). Also functions as a transcriptional coactivator, stimulating transcription mediated by the transcription factor CRX and NR2E3 (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

Acts as a transcriptional activator which regulates the expression of several rod-specific genes, including RHO and PDE6B (PubMed:21981118). Functions also as a transcriptional coactivator, stimulating

transcription mediated by the transcription factor CRX and NR2E3 (PubMed:17335001). Binds in a sequence-specific manner to the rhodopsin promoter (PubMed:17335001).

Images



Western Blot analysis of various cells using Nrl Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.