

产品名称: Nrl Rabbit Polyclonal Antibody
产品货号: APRab14900



产品概述 (Summary)

产品名称 (Production Name)	Nrl Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	NRL
别名 (Alternative Names)	NRL; D14S46E; Neural retina-specific leucine zipper protein; NRL
基因 ID (Gene ID)	4901.0
蛋白 ID (SwissProt ID)	P54845.The antiserum was produced against synthesized peptide derived from human NRL. AA range:19-68

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	25kDa

研究背景 (Background)

产品名称: Nrl Rabbit Polyclonal Antibody
产品货号: APRab14900

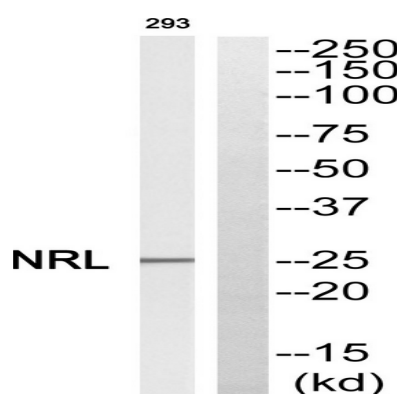


This gene encodes a basic motif-leucine zipper transcription factor of the Maf subfamily. The encoded protein is conserved among vertebrates and is a critical intrinsic regulator of photoreceptor development and function. Mutations in this gene have been associated with retinitis pigmentosa and retinal degenerative diseases. [provided by RefSeq, Jul 2008],disease:Defects in NRL are the cause of retinitis pigmentosa type 27 (RP27) [MIM:162080]. RP leads to degeneration of retinal photoreceptor cells. Patients typically have night vision blindness and loss of midperipheral visual field. As their condition progresses, they lose their far peripheral visual field and eventually central vision as well. RP27 inheritance is autosomal dominant.,function:Transcription factor which regulates the expression of several rod-specific genes, including RHO and PDE6B.,online information:Retina International's Scientific Newsletter,similarity:Belongs to the bZIP family.,similarity:Contains 1 bZIP domain.,subunit:Interacts with FIZ1. This interaction represses transactivation.,tissue specificity:Neural retina.,

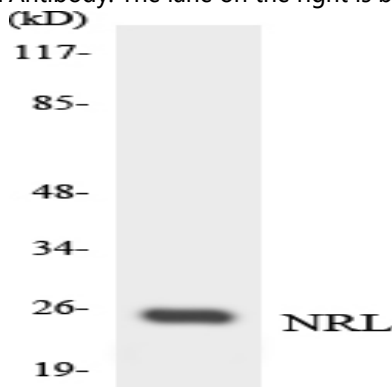
研究领域 (Research Area)

Domain Families; HLH / Leucine Zipper; Leucine Zipper; Neuroscience; Sensory System; Visual system; Epigenetics and Nuclear Signaling; Transcription; Transcription Factors

图片 (Image Data)

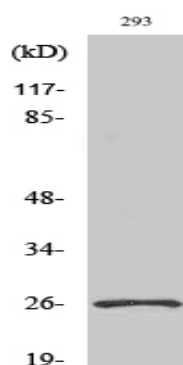


Western blot analysis of NRL Antibody. The lane on the right is blocked with the NRL peptide.



Western blot analysis of the lysates from HUVEC cells using NRL antibody.

产品名称: Nrl Rabbit Polyclonal Antibody
产品货号: APRab14900



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

注意事项 (Note)

For research use only .