abcam

Product datasheet

Anti-NRL antibody ab137193

★★★★★ **1 Abreviews**   **1 References**   **1 Image**

Overview

Product name	Anti-NRL antibody
Description	Rabbit polyclonal to NRL
Host species	Rabbit
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Human
	Predicted to work with: Mouse
Immunogen	Synthetic peptide corresponding to the N terminal region of Human NRL (UniProt P54845).
Positive control	HUVEC cell lysate
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.
	If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 49% PBS, 0.88% Sodium chloride, 50% Glycerol (glycerin, glycerine) PBS is without Mg^{2+} and Ca^{2+}.
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee		Our **Abpromise guarantee** covers the use of ab137193 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (1)	1/500 - 1/1000. Predicted molecular weight: 26 kDa.

Target

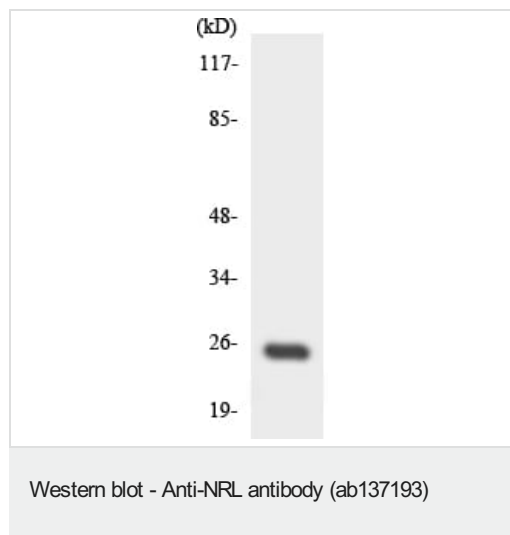|	
Function	Transcription factor which regulates the expression of several rod-specific genes, in cluding RHO and PDE6B.
Tissue specificity	Neural retina.
Involvement in disease	Defects in NRL are the cause of retinitis pigmentosa type 27 (RP27) [MIM:162080]. RP leads to degeneration of retinal photoreceptor 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.
Sequence similarities	Belongs to the bZIP family. Contains 1 bZIP domain.
Cellular localization	Nucleus.

Images

Anti-NRL antibody (ab137193) at 1/500 dilution + HUVEC cell lysate at 30 μg

Predicted band size: 26 kDa

Western blot - Anti-NRL antibody (ab137193)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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