

Product datasheet

Human PRPF31 peptide **ab22909**

Overview

Product name Human PRPF31 peptide

Description

Nature Synthetic

Amino Acid Sequence

Species Human

Sequence C-LKVKGEKSGLMST

Amino acids 487 to 499

Specifications

Our [Abpromise guarantee](#) covers the use of **ab22909** in the following tested applications.

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

Applications Blocking - Blocking peptide for Anti-PRPF31 antibody ([ab2467](#))

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

General Info

Function Involved in pre-mRNA splicing. Required for U4/U6.U5 tri-snRNP formation.

Tissue specificity Ubiquitously expressed.

Involvement in disease Defects in PRPF31 are the cause of retinitis pigmentosa type 11 (RP11) [MIM:600138]. 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. RP11 inheritance is autosomal dominant.

Sequence similarities Belongs to the PRP31 family.
Contains 1 Nop domain.

Domain	Interacts with the snRNP via the Nop domain. The coiled coil domain is formed by two non-contiguous helices.
Cellular localization	Nucleus speckle. Nucleus > Cajal body. Predominantly found in speckles and in Cajal bodies.

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