

Product datasheet

Human NUP50 peptide ab22982

Overview

Product name Human NUP50 peptide

Description

Nature Synthetic

Amino Acid Sequence

Species Human

Sequence C-ELHKILLEKKDA

Amino acids 457 to 468

Specifications

Our [Abpromise guarantee](#) covers the use of **ab22982** 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-NUP50 antibody ([ab4005](#))

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 Component of the nuclear pore complex that has a direct role in nuclear protein import. Actively displaces NLSs from importin-alpha, and facilitates disassembly of the importin-alpha:beta-cargo complex and importin recycling. Interacts with multiple transport receptor proteins including CDKN1B. This interaction is required for correct intracellular transport and degradation of CDKN1B.

Tissue specificity Ubiquitous. Highest levels in testis, peripheral blood leukocytes and fetal liver.

Sequence similarities Contains 1 RanBD1 domain.

Domain	Contains FG repeats.
Cellular localization	Nucleus > nuclear pore complex. Nucleus membrane. Localizes to the nucleoplasmic fibrils of the nuclear pore complex.

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