

Product datasheet

Anti-Nucleoporin p62 antibody ab56982

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Overview

Product name	Anti-Nucleoporin p62 antibody
Description	Mouse monoclonal to Nucleoporin p62
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment: LQHADEEREK TYKLAENIDA QLKRMAQDLK DIIHLNTSG APADTSDPLQ QICKILNAHM DSLQWIDQNS ALLQRKVEEV TKVCEGRRKE QERSFRITFD , corresponding to amino acids 423-523 of Human Nucleoporin p62 Run BLAST with ExPASy Run BLAST with NCBI

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None PBS, pH 7.2
Purity	Protein G purified
Clonality	Monoclonal
Isotype	IgG2b
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab56982** 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	★ ★ ★ ☆ ☆	Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 53 kDa.

Target

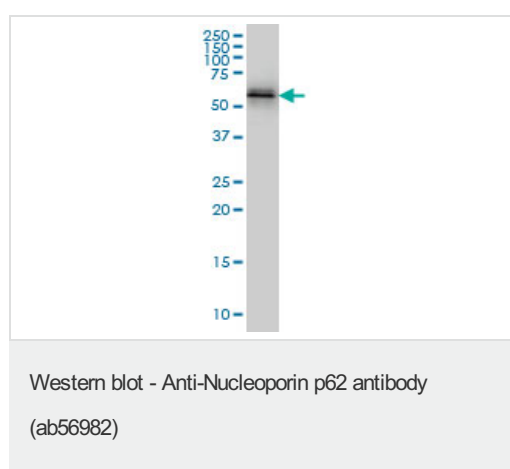
Relevance

The nuclear pore complex is a structure that extends across the nuclear envelope and regulates the flow of macromolecules between the cytoplasm and the nucleus. Nucleoporins are the main components of the nuclear pore complex in eukaryotic cells. Nup 62 is localized to the nuclear pore central plug. This protein associates with the importin alpha/beta complex which is involved in the import of proteins containing nuclear localization signals. There are multiple transcript variants of this gene, however, they encode a single protein isoform. This protein undergoes post-translational modifications. It contains about 10 N-acetylglucosamine side chain sites.

Cellular localization

Nucleus; nuclear pore complex. Cytoplasm; cytoskeleton; spindle pole. Note: Central region of the nuclear pore, within the transporter. During mitotic cell division, it associates with the poles of the mitotic spindle.

Images



Nucleoporin p62 antibody (ab56982) at 1ug/lane + HeLa cell lysate at 25ug/lane.

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