

Product datasheet

Human Ran peptide ab23304

製品の概要

製品名 Human Ran peptide

製品の詳細

由来 Synthetic

アミノ酸配列

生物種 Human

配列 AAQGEPQVQFKLV-C

領域 2 to 14

特性

Our [Abpromise guarantee](#) covers the use of **ab23304** in the following tested applications.

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

アプリケーション Blocking - Blocking peptide for Anti-Ran antibody ([ab17033](#))

製品の状態 Liquid

前処理および保存

保存方法および安定性 Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

関連情報

機能 GTP-binding protein involved in nucleocytoplasmic transport. Required for the import of protein into the nucleus and also for RNA export. Involved in chromatin condensation and control of cell cycle (By similarity). The complex with BIRC5/ survivin plays a role in mitotic spindle formation by serving as a physical scaffold to help deliver the RAN effector molecule TPX2 to microtubules. Enhances AR-mediated transactivation. Transactivation decreases as the poly-Gln length within AR increases.

組織特異性 Expressed in a variety of tissues.

配列類似性 Belongs to the small GTPase superfamily. Ran family.

**翻訳後修飾**

The N-terminus is blocked.

**細胞内局在**

Nucleus. Cytoplasm. Melanosome. Becomes dispersed throughout the cytoplasm during mitosis. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

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