

## Product datasheet

# Human Ran peptide ab23304

### 製品の概要

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製品名 Human Ran peptide

### 製品の詳細

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由来 Synthetic

#### アミノ酸配列

生物種 Human

配列 AAQGEPQVQFKLV-C

領域 2 to 14

### 特性

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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

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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

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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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**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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