

## Product datasheet

# Human ZCH11 peptide ab23172

### 製品の概要

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**製品名** Human ZCH11 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** RERCPHPPRGNVSE

**領域** 1503 to 1516

### 特性

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Our [Abpromise guarantee](#) covers the use of **ab23172** 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-ZCH11 antibody ([ab9940](#))

**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** Uridyltransferase that acts as a suppressor of microRNA (miRNA) biogenesis by specifically mediating the terminal uridylation of some miRNAs. Catalyzes the 3' uridylation of precursor let-7 (pre-let-7), a miRNA precursor. Uridylated pre-let-7 miRNAs fail to be processed by Dicer and undergo degradation. Degradation of pre-let-7 contributes to the maintenance of embryonic stem (ES) cells and is required for ES cells to maintain pluripotency. Does not bind RNA by itself, recruited to pre-let-7 miRNAs via its interaction with LIN28A and LIN28B. Also catalyzes the 3' uridylation of miR-26A, a miRNA that represses IL6 transcript, leading to abrogate IL6 transcript repression and promote cytokine expression. May also suppress Toll-like receptor-

induced NF-kappa-B activity via binding to T2BP. Does not play a role in replication-dependent histone mRNA degradation.

**配列類似性**

Belongs to the DNA polymerase type-B-like family.  
Contains 3 CCHC-type zinc fingers.  
Contains 2 PAP-associated domains.

**翻訳後修飾**

Phosphorylated upon DNA damage, probably by ATM or ATR.

**細胞内局在**

Nucleus. Cytoplasm. Translocates into the cytoplasm following treatment of the cell with LPS.

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

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