

Product datasheet

Human ZCH11 peptide ab23172

製品の概要

製品名 Human ZCH11 peptide

製品の詳細

由来 Synthetic

アミノ酸配列

生物種 Human

配列 RERCPHPPRGNVSE

領域 1503 to 1516

特性

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

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 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.

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