

Anti-ZC3H7B Antibody

Rabbit polyclonal antibody to ZC3H7B Catalog # AP60731

Specification

Anti-ZC3H7B Antibody - Product Information

Application WB, IHC Primary Accession Q9UGR2

Reactivity Human, Mouse, Rat

Host Rabbit
Clonality Polyclonal
Calculated MW 109858

Anti-ZC3H7B Antibody - Additional Information

Gene ID 23264

Other Names

KIAA1031; Zinc finger CCCH domain-containing protein 7B; Rotavirus 'X'-associated non-structural protein; RoXaN

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human ZC3H7B. The exact sequence is proprietary.

Dilution

WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200) IHC~~1:100~500

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-ZC3H7B Antibody - Protein Information

Name ZC3H7B

Synonyms KIAA1031

Function

May be a specific regulator of miRNA biogenesis. Binds to microRNAs MIR7-1, MIR16-2 and MIR29A hairpins recognizing the 'ATA(A/T)' motif in the apical loop.

Cellular Location

Nucleus. Note=Nuclear localization seems to be depleted upon rotavirus A infection

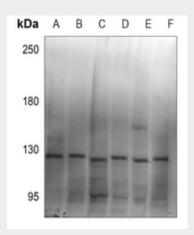


Anti-ZC3H7B Antibody - Protocols

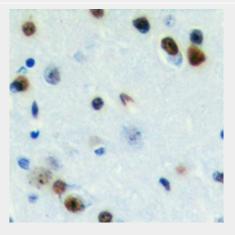
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-ZC3H7B Antibody - Images



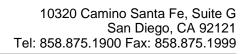
Western blot analysis of ZC3H7B expression in U87MG (A), PC3 (B), HEK293T (C), Hela (D), CT26 (E), PC12 (F) whole cell lysates.



Immunohistochemical analysis of ZC3H7B staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Anti-ZC3H7B Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human





ZC3H7B. The exact sequence is proprietary.