

Anti-ZC3H7B Antibody

Catalog # AP60731

Product Information

Application	WB, IHC
Primary Accession	Q9UGR2
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	109858

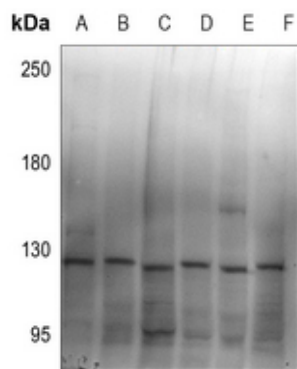
Additional Information

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), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

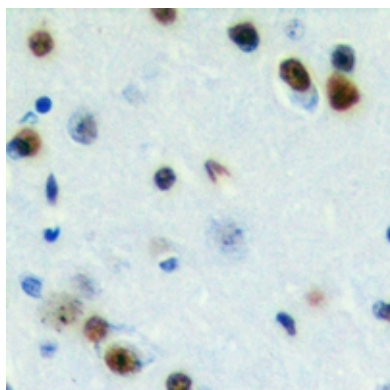
Protein Information

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

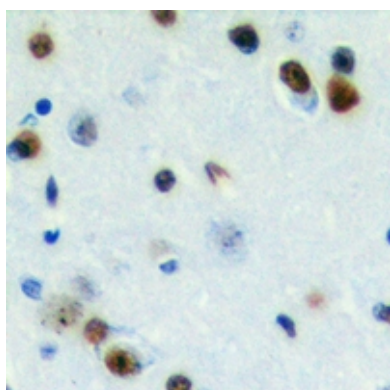
Images



Western blot analysis of ZC3H7B expression in U87MG (A), PC3 (B), HEK293T (C), Hela (D), CT26 (E), PC12 (F) whole cell lysates. (Predicted band size: 109 kD; Observed band size: 125 kD)



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.



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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.