

ZC3H3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP11020b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q8IXZ2
Other Accession	Q8CHP0 , NP_055932.2
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB27918
Calculated MW	101941
Antigen Region	920-948

Additional Information

Gene ID	23144
Other Names	Zinc finger CCCH domain-containing protein 3, ZC3H3, KIAA0150, ZC3HDC3
Target/Specificity	This ZC3H3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 920-948 amino acids from the C-terminal region of human ZC3H3.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ZC3H3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ZC3H3
Function	Required for the export of polyadenylated mRNAs from the nucleus (PubMed: 19364924). Enhances ACVR1B-induced SMAD-dependent transcription. Binds to single-stranded DNA but not to double-stranded DNA

in vitro. Involved in RNA cleavage (By similarity).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q8CHP0}.

Background

Contains 5 C3H1 type zinc fingers.

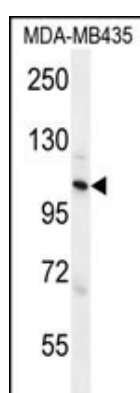
References

Yoshida, T., et al. Int. J. Mol. Med. 25(4):649-656(2010)

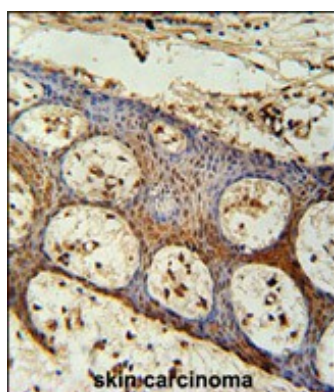
Oguri, M., et al. Am. J. Hypertens. 23(1):70-77(2010)

Hurt, J.A., et al. J. Cell Biol. 185(2):265-277(2009)

Images



ZC3H3 Antibody (C-term) (Cat. #AP11020b) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the ZC3H3 antibody detected the ZC3H3 protein (arrow).



ZC3H3 Antibody (C-term) (Cat. #AP11020b) immunohistochemistry analysis in formalin fixed and paraffin embedded human skin carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ZC3H3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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