

**Anti-ZC3H4 Antibody**  
**Catalog # AP53902****Specification**

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**Anti-ZC3H4 Antibody - Product Information**

Application	WB, IH
Primary Accession	<a href="#">Q9UPT8</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	140257

**Anti-ZC3H4 Antibody - Additional Information****Gene ID** 23211**Other Names**

C19orf7; KIAA1064; Zinc finger CCCH domain-containing protein 4

**Target/Specificity**

Recognizes endogenous levels of ZC3H4 protein.

**Dilution**

WB~~1/500 - 1/1000

IH~~1/50 - 1/200

**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-ZC3H4 Antibody - Protein Information****Name** ZC3H4 {ECO:0000303|PubMed:33913806, ECO:0000312|HGNC:HGNC:17808}**Function**

RNA-binding protein that suppresses transcription of long non-coding RNAs (lncRNAs) (PubMed: [33913806](http://www.uniprot.org/citations/33913806), PubMed: [33767452](http://www.uniprot.org/citations/33767452)). lncRNAs are defined as transcripts more than 200 nucleotides that are not translated into protein (PubMed: [33913806](http://www.uniprot.org/citations/33913806), PubMed: [33767452](http://www.uniprot.org/citations/33767452)). Together with WDR82, part of a transcription termination checkpoint that promotes transcription termination of lncRNAs and their subsequent degradation by the exosome (PubMed: [33913806](http://www.uniprot.org/citations/33913806), PubMed: [33767452](http://www.uniprot.org/citations/33767452)). The

transcription termination checkpoint is activated by the inefficiently spliced first exon of lncRNAs (PubMed:<a href="http://www.uniprot.org/citations/33767452" target="\_blank">33767452</a>).

#### Cellular Location

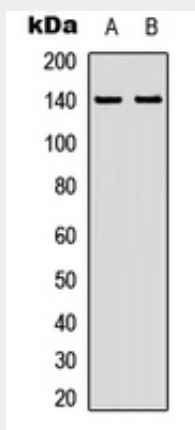
Chromosome. Note=Recruited at sites of high RNA polymerase II occupancy

#### Anti-ZC3H4 Antibody - Protocols

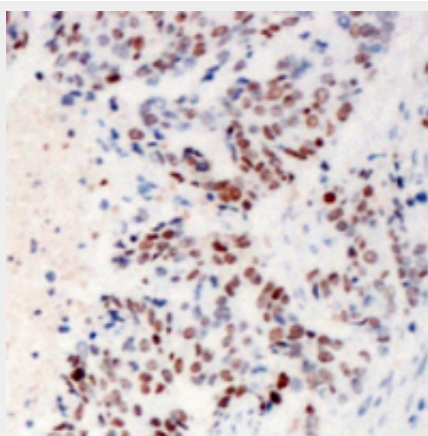
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### Anti-ZC3H4 Antibody - Images



Western blot analysis of ZC3H4 expression in HEK293T (A), HepG2 (B) whole cell lysates.



Immunohistochemical analysis of ZC3H4 staining in human breast cancer 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-ZC3H4 Antibody - Background**

Rabbit polyclonal antibody to ZC3H4