



[Go to Product page](#)

Datasheet for ABIN501155  
**anti-ZC3H12C antibody (N-Term)**

1 Publication

Overview

Quantity:	0.1 mg
Target:	ZC3H12C
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZC3H12C antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	ZC3H12C antibody was raised against a 17 amino acid peptide near the amino terminus of human ZC3H12C.
Isotype:	IgG
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Affinity chromatography

Target Details

Target:	ZC3H12C
Alternative Name:	ZC3H12C ( <a href="#">ZC3H12C Products</a> )

## Target Details

---

**Background:** ZC3H12C, also known as MCPIP3, is a member of a family of novel CCCH-zinc finger proteins that includes ZC3H12A, a protein that is thought to be involved in macrophage activation, host immunity and inflammatory diseases. Similar to ZC3H12A, ZC3H12C expression in macrophages is highly increased after treatment with lipopolysaccharide (LPS), suggesting it also may play a role in host immunity and inflammatory response. Synonyms: KIAA1726, MCP-induced protein 3, MCPIP3, Probable ribonuclease ZC3H12C, Zinc finger CCCH domain-containing protein 12C

**Gene ID:** 85463

**NCBI Accession:** [NP\\_203748](#)

## Application Details

---

**Application Notes:** ELISA. Western blot: 1 - 2 µg/mL.  
Other applications not tested.  
Optimal dilutions are dependent on conditions and should be determined by the user.

**Restrictions:** For Research Use only

## Handling

---

**Concentration:** 1.0 mg/mL

**Buffer:** PBS containing 0.02 % sodium azide

**Preservative:** Sodium azide

**Precaution of Use:** This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Handling Advice:** Avoid repeated freezing and thawing.

**Storage:** -20 °C

**Storage Comment:** Store the antibody (in aliquots) at -20 °C.

## Publications

---

**Product cited in:** Zhong, Cao, Liu, Liu, Wang, Liu, Chen, Yang, Zhang, Wu, Ding, Hong, Xiao, Zu, Wen: "Nuclear loss of protein arginine N-methyltransferase 2 in breast carcinoma is associated with tumor grade and overexpression of cyclin D1 protein." in: **Oncogene**, Vol. 33, Issue 48, pp. 5546-58, (2014) ([PubMed](#)).

Meyer, Wolf, Obendorf: "PRMT2, a member of the protein arginine methyltransferase family, is a coactivator of the androgen receptor." in: **The Journal of steroid biochemistry and molecular biology**, Vol. 107, Issue 1-2, pp. 1-14, (2007) ([PubMed](#)).