

## ARG45182 anti-MCPIP1 / ZC3H12A antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes MCPIP1 / ZC3H12A
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	MCPIP1 / ZC3H12A
Species	Human
Immunogen	Recombinant protein containing to human MCPIP1 / ZC3H12A.
Conjugation	Un-conjugated
Alternate Names	ZC3H12A; Zinc Finger CCCH-Type Containing 12A; Regnase-1; MCPIP1; Monocyte Chemotactic Protein-Induced Protein 1; Zinc Finger CCCH Domain-Containing Protein 12A; Endoribonuclease ZC3H12A; MCP-Induced Protein 1; FLJ23231; MCPIP-1; MCPIP; Reg1; Bifunctional Endoribonuclease And Deubiquitinase ZC3H12A; MCP-1 Treatment-Induced Protein; MCP Induced Protein 1; Ribonuclease ZC3H12A; DJ423B22.1; EC 3.1.-.-

### Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 <sup>6</sup> cells
	ICC/IF	5 µg/ml
	IHC-P	5-10 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	73 kDa	

### Properties

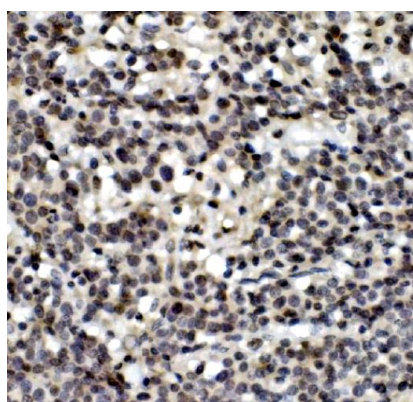
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.01% Sodium azide and 4% Trehalose.
Preservative	0.01% Sodium azide
Stabilizer	4% Trehalose

Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

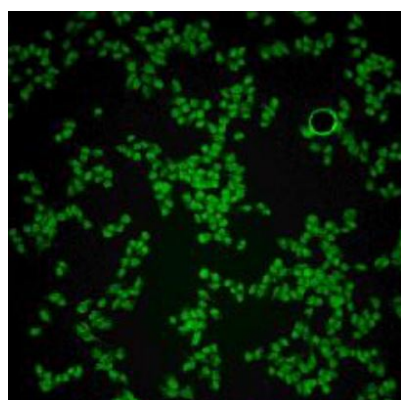
Gene Symbol	ZC3H12A
Gene Full Name	Zinc Finger CCCH-Type Containing 12A
Background	ZC3H12A is an MCP1 (CCL2; MIM 158105)-induced protein that acts as a transcriptional activator and causes cell death of cardiomyocytes, possibly via induction of genes associated with apoptosis.[supplied by OMIM, Mar 2008]
Function	Endoribonuclease involved in various biological functions such as cellular inflammatory response and immune homeostasis, glial differentiation of neuroprogenitor cells, cell death of cardiomyocytes, adipogenesis and angiogenesis. Functions as an endoribonuclease involved in mRNA decay. [UniProt]
Calculated Mw	66 kDa
PTM	Phosphoprotein; Ubl conjugation. [UniProt]
Cellular Localization	Cytoplasm; Endoplasmic reticulum; Membrane; Nucleus. [UniProt]

## Images



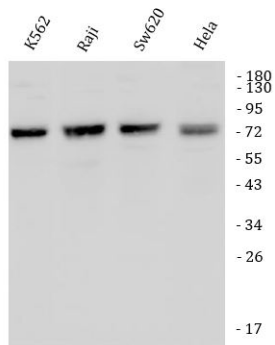
ARG45182 anti-MCPIP1 / ZC3H12A antibody IHC-P image

Immunohistochemistry: Human lung cancer stained with ARG45182 anti-MCPIP1 / ZC3H12A antibody at 5 µg/ml dilution.



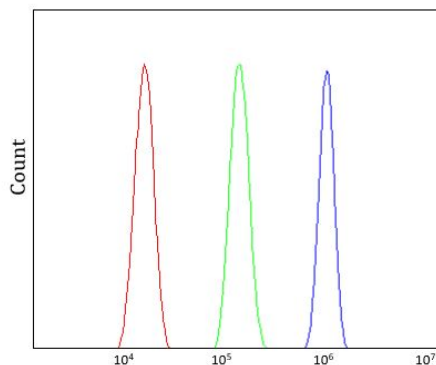
ARG45182 anti-MCPIP1 / ZC3H12A antibody ICC/IF image

Immunofluorescence: HeLa stained with ARG45182 anti-MCPIP1 / ZC3H12A antibody at 5 ug/ml dilution.



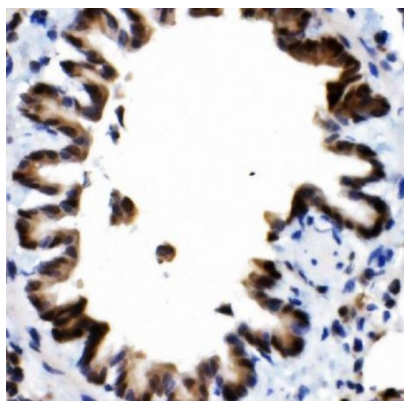
ARG45182 anti-MCPIP1 / ZC3H12A antibody WB image

Western blot: K562, Raji, Sw620, and HeLa stained with ARG45182 anti-MCPIP1 / ZC3H12A antibody at 0.5 µg/ml dilution.



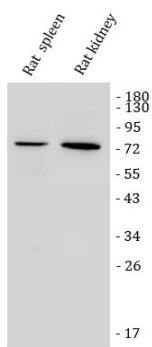
ARG45182 anti-MCPIP1 / ZC3H12A antibody FACS image

Flow Cytometry: U87 stained with ARG45182 anti-MCPIP1 / ZC3H12A antibody at 1 µg/10<sup>6</sup> cells dilution.



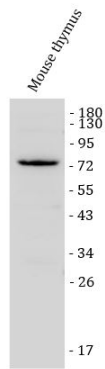
ARG45182 anti-MCPIP1 / ZC3H12A antibody IHC-P image

Immunohistochemistry: Rat lung stained with ARG45182 anti-MCPIP1 / ZC3H12A antibody at 5 µg/ml dilution.



ARG45182 anti-MCPIP1 / ZC3H12A antibody WB image

Western blot: Rat spleen and rat kidney stained with ARG45182 anti-MCPIP1 / ZC3H12A antibody at 0.5 µg/ml dilution.



#### ARG45182 anti-MCPIP1 / ZC3H12A antibody WB image

Western blot: Mouse thymus stained with ARG45182 anti-MCPIP1 / ZC3H12A antibody at 0.5 µg/ml dilution.