

Rabbit anti-Human ZC3H12A / MCPIP1 Polyclonal Antibody | anti-ZC3H12A / MCPIP1 antibody

Anti-ZC3H12A / MCPIP1 Antibody (aa331-358) IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52611	Rabbit	Human	Flow Cytometry, Functional Assay, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

ZC3H12A / MCPIP1; Polyclonal Antibody; Anti-ZC3H12A / MCPIP1 Antibody (aa331-358) IHC-plus; Rabbit Polyclonal to Human ZC3H12A / MCPIP1; Human ZC3H12A / MCPIP1; ZC3H12A; DJ423B22.1; MCPIP; Ribonuclease ZC3H12A; MCP induced protein 1; MCP-induced protein 1; MCPIP1; RP3-423B22.1; anti-ZC3H12A / MCPIP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	This ZC12A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 331-358 amino acids from the Central region of human ZC12A.
Purity/Purification	Protein A purified
Form/Format	PBS, 0.09% sodium azide
Sequence Length	599
Applicable Applications for anti-ZC3H12A / MCPIP1 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IHC (Immunohistochemistry)
Immunogen Species	ZC3H12A/MCPIP1 antibody was raised against Human
Antigen Modification	aa331-358
Target Species	Human
Disclaimer	Due to the highly specific nature of antibodies and antigens, we cannot predict or be held responsible with respect to how this antibody will behave in your systems. Researchers using this antibody should conduct optimization studies to achieve the most optimal result possible for their intended application.

Recommended Immunohistochemistry Protocol	The following protocol is a recommendation only, and AAA Biotech makes no guarantee of the results: Tissue Preparation: Formalin fixation and embedding in paraffin wax. Tissue Sectioning: Make 4-um sections and place on pre-cleaned and charged microscope slides. Heat in a tissue-dryingoven for 45 minutes at 60°C. Deparaffinization: Wash dry slides in 3 changes of xylene - 5 minutes each @ RT Rehydration: Wash slides in 3 changes of 100% alcohol - 3 minutes each @ RT Wash slides in 2 changes of 95% alcohol - 3 minutes each @ RT Wash slides in 1 change of 80% alcohol - 3 minutes @ RT Rinse slides in gentle running distilled water - 5 minutes @ RT Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes Remove from heat and let stand at room temperature in buffer - 20 minutes Rinse in 1X TBS with Tween (TBST) -1 minute @ RT Immunostaining: (Do not allow tissues to dry at any time during the staining procedure) Apply a universal protein block - 20 minutes @ RT Drain protein block from slides, apply diluted primary antibody - 45 minutes @ RT Rinse slides in 1 X TBST - 1 minute @ RT Apply a biotinylated secondary antibody appropriate for the primary antibody - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase streptavidin - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase chromogen substrate - 30 minutes @ RT Wash slides in distilled water - 1 minute @ RT Dehydrate: (This method should only be used if the chromogen substrate is alcohol insoluble (e.g. Vector Red, DAB) Wash slides in 2 changes of 80% alcohol - 1 minute each @ RT Wash slides in 2 changes of 95% alcohol - 1 minute each @ RT Wash slides in 3 changes of 100% alcohol - 1 minute each @ RT Wash slides in 3 changes of xylene - 1 minute each @ RT Apply coverslip
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.

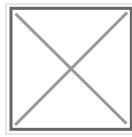
IMAGES



FCM/FACS (Flow Cytometry)
ZC12A Antibody flow cytometry of HepG2 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
ZC12A Antibody western blot of HepG2 cell line lysates (35 ug/lane). The ZC12A antibody detected the ZC12A protein (arrow).



IHC (Immunohistochemistry)

Anti-ZC3H12A / MCPIP1 antibody IHC staining of human adrenal. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-ZC3H12A / MCPIP1 antibody	ZC3H12A Antibody, DJ423B22.1 Antibody, MCPIP Antibody, Ribonuclease ZC3H12A Antibody, MCP induced protein 1 Antibody, MCP-induced protein 1 Antibody, MCPIP1 Antibody, RP3-423B22.1 Antibody Description: Has RNase activity and selectively degrades specific target mRNA species. Modulates the immune response and inflammation by regulating the decay of specific mRNA molecules. Recognizes the 3'-untranslated region (UTR) of the mRNA for IL6, CALCR and IL12B. Required for normal decay of IL6 mRNA (By similarity). Triggers apoptosis and promotes angiogenesis in response to the binding of CCL2 to CCR2. Regulates expression of CDH12 and CHD19.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	156151383
NCBI GeneID	80149
NCBI Accession #	NP_079355.2
NCBI GenBank Nucleotide #	NM_025079.2
UniProt Accession #	Q5D1E8; Q6I9Z1; Q9H5P1; D3DPT0
NCBI Official Full Name	ribonuclease ZC3H12A
NCBI Official Synonym Full Names	zinc finger CCCH-type containing 12A
NCBI Official Symbol	ZC3H12A
NCBI Official Synonym Symbols	MCPIP; MCPIP1; dJ423B22.1
NCBI Protein Information	ribonuclease ZC3H12A
UniProt Protein Name	Ribonuclease ZC3H12A
UniProt Gene Name	ZC3H12A
UniProt Entry Name	ZC12A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/zc3h12a-mcpip1-antibody-flow-cytometry-western-blot-immunohistochemistry-elisa/52611>