For Research Use Only

ZC3H12A Monoclonal antibody

Catalog Number:68616-1-Ig

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Basic Information

Catalog Number:
68616-1-Ig

Size:
150ul , Concentration: 1000 ug/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG13877

GenBank Accession Number:
BC005001

GeneID (NCBI):
80149

UNIPROT ID:
Q5D1E8

Full Name:
zinc finger CCCH-type containing 12A

Calculated MW:
599 aa, 66 kDa

Observed MW:
66 kDa

Purification Method:
Protein G purification

CloneNo.:
2F6B2

Recommended Dilutions:
WB 1:5000-1:50000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human

Positive Controls:

WB : HT-1376 cells, BxPC-3 cells, MDA-MB-468 cells, Raji cells, THP-1 cells

Background Information

ZC3H12A, also named as MCPIP or MCPIP1, is a 599 amino acid protein, which contains one C3H1-type zinc finger and belongs to the ZC3H12 family. ZC3H12A localizes in the cytoplasm and nucleus. Increased expression of ZC3H12A is associated with ischemic heart disease. ZC3H12A has RNase activity and selectively degrades specific target mRNA species and modulates the immune response and inflammation by regulating the decay of specific mRNA molecules.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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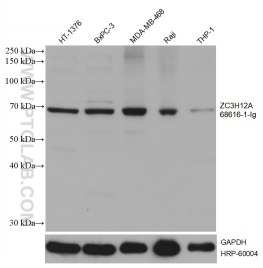
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68616-1-Ig (ZC3H12A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.