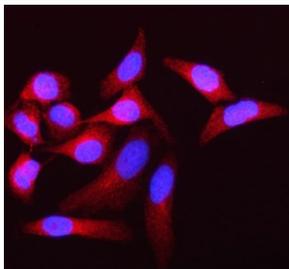


## Atherin Antibody / SAMD1 (RQ8245)

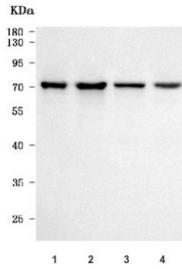
Catalog No.	Formulation	Size
RQ8245	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

### Bulk quote request

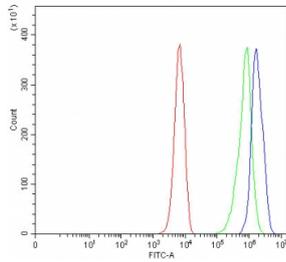
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q6SPF0
<b>Localization</b>	Nuclear, cytoplasmic, secreted
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This Atherin antibody is available for research use only.



Immunofluorescent staining of FFPE human HeLa cells with Atherin antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) SH-SY5Y, 2) MCF7, 3) HeLa and 4) A431 cell lysate with Atherin antibody. Predicted molecular weight ~56 kDa, observed here at ~70 kDa.



Flow cytometry testing of fixed and permeabilized human K562 cells with Atherin antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Atherin antibody.

## Description

Predicted to enable chromatin binding activity and histone binding activity. Predicted to be involved in negative regulation of transcription, DNA-templated. Predicted to be located in cytoplasm and extracellular region. Predicted to be active in nucleus.

## Application Notes

Optimal dilution of the Atherin antibody should be determined by the researcher.

## Immunogen

*E. coli*-derived recombinant human protein (amino acids K75-L537) was used as the immunogen for the Atherin antibody.

## Storage

After reconstitution, the Atherin antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.