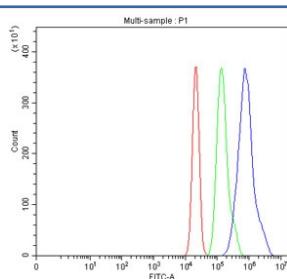


FOXA1 Antibody (RQ4009)

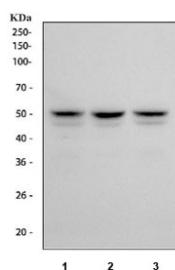
Catalog No.	Formulation	Size
RQ4009	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P55317
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This FOXA1 antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human RT4 cells with FOXA1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= FOXA1 antibody.



Western blot testing of human 1) MCF7, 2) HepG2 and 3) RT4 cell lysate with FOXA1 antibody at 0.5ug/ml. Predicted molecular weight ~49 kDa.

Description

Forkhead box protein A1 (FOXA1), also known as hepatocyte nuclear factor 3-alpha (HNF-3A), is a protein that in humans is encoded by the FOXA1 gene. This gene encodes a member of the forkhead class of DNA-binding proteins. These hepatocyte nuclear factors are transcriptional activators for liver-specific transcripts such as albumin and transthyretin, and they also interact with chromatin. Similar family members in mice have roles in the regulation of metabolism and in the differentiation of the pancreas and liver.

Application Notes

Optimal dilution of the FOXA1 antibody should be determined by the researcher.

Immunogen

A recombinant human partial protein corresponding to amino acids M1-T55 was used as the immunogen for the FOXA1 antibody.

Storage

After reconstitution, the FOXA1 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.