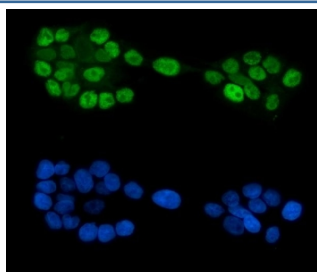


GATA6 Antibody (RQ6769)

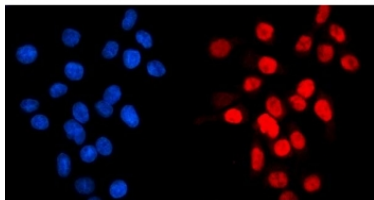
Catalog No.	Formulation	Size
RQ6769	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

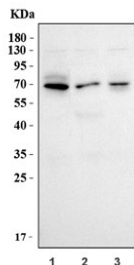
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q92908
Localization	Nuclear
Applications	Western Blot : 1-2ug/ml Immunofluorescence (FFPE) : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This GATA6 antibody is available for research use only.



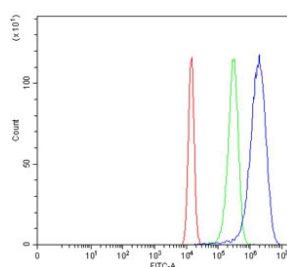
Immunofluorescent staining of FFPE human A431 cells with GATA6 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Immunofluorescent staining of FFPE human Caco-2 cells with GATA6 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) 293T, 2) MCF7 and 3) PC-3 cell lysate with GATA6 antibody. Predicted molecular weight ~60 kDa.



Flow cytometry testing of human U-2 OS cells with GATA6 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= GATA6 antibody.

Description

Transcription factor GATA-6, also known as GATA-binding factor 6 (GATA6), is protein that in humans is encoded by the GATA6 gene. This gene is a member of a small family of zinc finger transcription factors that play an important role in the regulation of cellular differentiation and organogenesis during vertebrate development. This gene is expressed during early embryogenesis and localizes to endo- and mesodermally derived cells during later embryogenesis and thereby plays an important role in gut, lung, and heart development. Mutations in this gene are associated with several congenital defects.

Application Notes

Optimal dilution of the GATA6 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids N105-L151) was used as the immunogen for the GATA6 antibody.

Storage

After reconstitution, the GATA6 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

