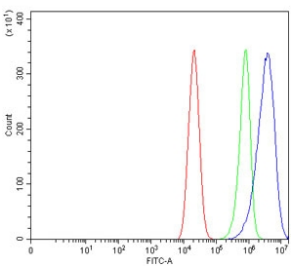
ZNF609 Antibody / KIAA0295 (RQ6912)

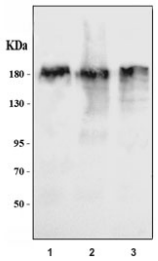
Catalog No.	Formulation	Size
RQ6912	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	O15014
Applications	Western Blot : 1-2ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This ZNF609 antibody is available for research use only.



Flow cytometry testing of human Caco-2 cells with ZNF609 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ZNF609 antibody.



Western blot testing of human 1) K562, 2) HEL and 3) A549 cell lysate with ZNF609 antibody. Predicted molecular weight ~151 kDa.

Description

Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Kruppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. zinc finger protein 609 (ZNF609) is a 1,411 amino acid member of the Kruppel C2H2-type zinc-finger protein family. Localized to the nucleus, ZNF609 contains one C2H2-type zinc finger through which it is thought to be involved in DNA-binding and transcriptional regulation.

Application Notes

Optimal dilution of the ZNF609 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids R1122-R1411) was used as the immunogen for the ZNF609 antibody.

Storage

After reconstitution, the ZNF609 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.