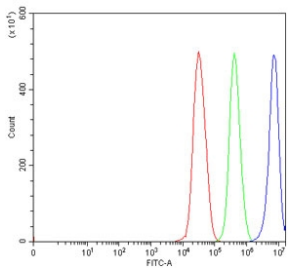
DHX29 Antibody / DEAH box protein 29 (RQ7385)

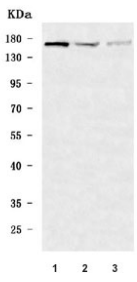
Catalog No.	Formulation	Size
RQ7385	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	Q7Z478
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This DHX29 antibody is available for research use only.



Flow cytometry testing of human 293T cells with DHX29 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= DHX29 antibody.



Western blot testing of human 1) HeLa, 2) 293T and 3) HT1080 cell lysate with DHX29 antibody. Predicted molecular weight ~155 kDa.

Description

ATP-dependent RNA helicase DHX29, also called DEAH-box helicase 29, is a 155 kDa protein that in humans is encoded by the DHX29 gene. This gene encodes a member of the DEAH (Asp-Glu-Ala-His) subfamily of proteins, part of the DEAD (Asp-Glu-Ala-Asp) box family of RNA helicases. The encoded protein functions in translation initiation, and is specifically required for ribosomal scanning across stable mRNA secondary structures during initiation codon selection. This protein may also play a role in sensing virally derived cytosolic nucleic acids. Knockdown of this gene results in reduced protein translation and impaired proliferation of cancer cells.

Application Notes

Optimal dilution of the DHX29 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids R56-K1343) was used as the immunogen for the DHX29 antibody.

Storage

After reconstitution, the DHX29 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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