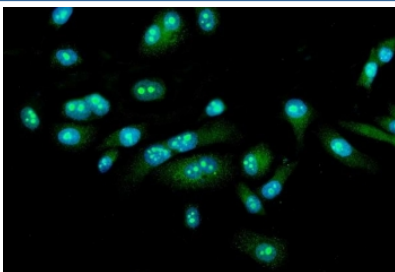


## FEZF1 Antibody (RQ6176)

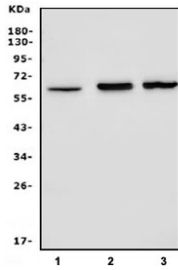
Catalog No.	Formulation	Size
RQ6176	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

### Bulk quote request

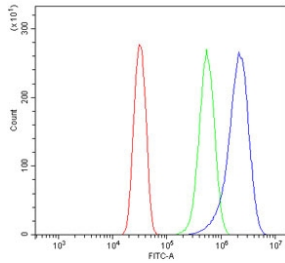
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.0125% sodium azide
<b>UniProt</b>	A0PJY2
<b>Applications</b>	Western Blot : 1-2ug/ml Flow Cytometry : 1-3ug/million cells Immunofluorescence : 5ug/ml Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This FEZF1 antibody is available for research use only.



Immunofluorescent staining of FFPE human PC-3 cells with FEZF1 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human SH-SY5Y, 2) rat brain and 3) mouse brain lysate with FEZF1 antibody. Predicted molecular weight ~ 52 kDa.



Flow cytometry testing of human U-2 OS cells with FEZF1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= FEZF1 antibody.

## Description

FEZ family zinc finger 1 is a protein that in humans is encoded by the FEZF1 gene. This gene encodes a transcriptional repressor that belongs to the zinc finger double domain protein family. The encoded protein is thought to play a role in the embryonic migration of gonadotropin-releasing hormone neurons into the brain. Mutations in this gene are associated with hypogonadotropic hypogonadism-22 with anosmia. Alternative splicing results in multiple transcript variants.

## Application Notes

Optimal dilution of the FEZF1 antibody should be determined by the researcher.

## Immunogen

A human recombinant partial protein (amino acids A45-K258) was used as the immunogen for the FEZF1 antibody.

## Storage

After reconstitution, the FEZF1 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.