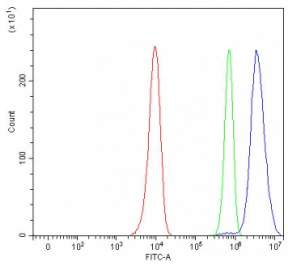
RREB1 Antibody / Ras-responsive element-binding protein 1 (RQ7917)

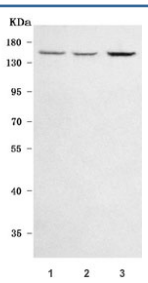
Catalog No.	Formulation	Size
RQ7917	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	Q92766
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This RREB1 antibody is available for research use only.



Flow cytometry testing of human HeLa cells with RREB1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RREB1 antibody.



Western blot testing of human 1) HeLa, 2) PC-3 and 3) SH-SY5Y cell lysate with RREB1 antibody. Predicted molecular weight: 153-188 (multiple isoforms) with two smaller isoforms.

Description

Ras-responsive element-binding protein 1 is a protein that in humans is encoded by the RREB1 gene. The protein encoded by this gene is a zinc finger transcription factor that binds to RAS-responsive elements (RREs) of gene promoters. It has been shown that the calcitonin gene promoter contains an RRE and that the encoded protein binds there and increases expression of calcitonin, which may be involved in Ras/Raf-mediated cell differentiation. Multiple transcript variants encoding several different isoforms have been found for this gene.

Application Notes

Optimal dilution of the RREB1 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids K732-Q1559) was used as the immunogen for the RREB1 antibody.

Storage

After reconstitution, the RREB1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.