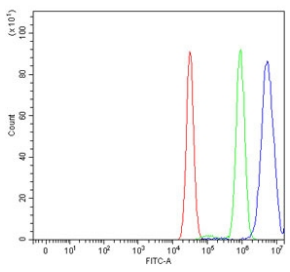
BEX3 Antibody / NGFRAP1 / NADE (RQ6827)

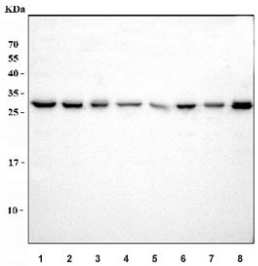
Catalog No.	Formulation	Size
RQ6827	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
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	Q00994
Applications	Western blot: 1-2ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This BEX3 antibody is available for research use only.



Flow cytometry testing of human MCF7 cells with BEX3 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= BEX3 antibody.



Western blot testing of 1) human HCCT, 2) human HCCP, 3) human MCF7, 4) human HeLa, 5) rat liver, 6) rat L6, 7) mouse liver and 8) mouse C2C12 cell lysate with BEX3 antibody. Predicted molecular weight ~13 kDa (monomer) but commonly observed at ~24 kDa. The dimer may be observed at 40-50 kDa.

Description

Protein BEX3 is a protein that in humans is encoded by the BEX3 gene. BEX3 (brain-expressed X-linked protein 3), also called NGFRAP1 (nerve growth factor receptor associated protein 1), NADE (p75NTR-associated death executor) or FAP-1 (Fas-associated phosphatase-1), is a 24 kDa member of the BEX protein family. A nuclear export signal (aa 77-87) allows NGFRAP1 to export bound p75NTR. It is widely expressed, but highest in ovarian granulosa cells, testis, prostate, seminal vesicle and liver. Except for a 13-19 amino acid (aa) rodent Arg/His region at aa 35 that is not found in humans, human NGFRAP1 shares 94% aa identity with mouse and rat NGFRAP1. In humans, a 101 aa isoform with an alternative start site at aa 11 has been described.

Application Notes

Optimal dilution of the BEX3 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids Q39-H103) was used as the immunogen for the BEX3 antibody.

Storage

After reconstitution, the BEX3 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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