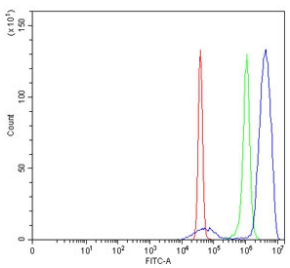
ELK1 Antibody / ETS Like-1 protein Elk-1 (RQ7167)

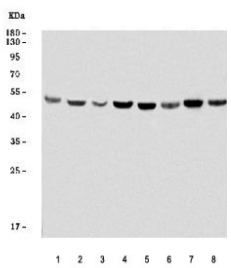
Catalog No.	Formulation	Size
RQ7167	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	P19419
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This ELK1 antibody is available for research use only.



Flow cytometry testing of human SiHa cells with ELK1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ELK1 antibody.



Western blot testing of 1) human placenta, 2) human PC-3, 3) human SiHa, 4) human K562, 5) rat brain, 6) rat ovary, 7) mouse brain and 8) mouse ovary tissue lysate with ELK1 antibody. Predicted molecular weight ~45 kDa.

Description

ETS Like-1 protein Elk-1 is a protein that in humans is encoded by the ELK1. This gene is a member of the Ets family of transcription factors and of the ternary complex factor (TCF) subfamily. Proteins of the TCF subfamily form a ternary complex by binding to the the serum response factor and the serum response element in the promoter of the c-fos proto-oncogene. The protein encoded by this gene is a nuclear target for the ras-raf-MAPK signaling cascade. This gene produces multiple isoforms by using alternative translational start codons and by alternative splicing. Related pseudogenes have been identified on chromosomes 7 and 14.

Application Notes

Optimal dilution of the ELK1 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids S4-K52) was used as the immunogen for the ELK1 antibody.

Storage

After reconstitution, the ELK1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.