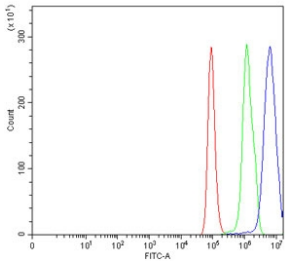
KLF13 Antibody (RQ7231)

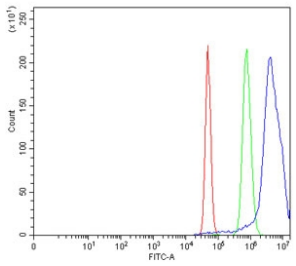
Catalog No.	Formulation	Size
RQ7231	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

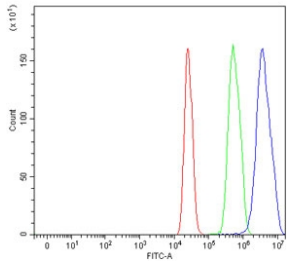
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9Y2Y9
Localization	Nuclear
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This KLF13 antibody is available for research use only.



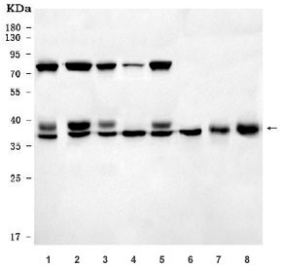
Flow cytometry testing of human HeLa cells with KLF13 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= KLF13 antibody.



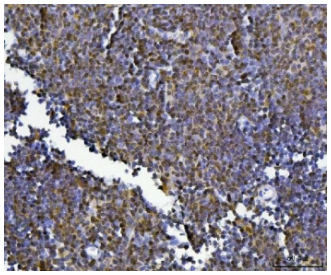
Flow cytometry testing of mouse Neuro-2a cells with KLF13 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= KLF13 antibody.



Flow cytometry testing of rat C6 cells with KLF13 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= KLF13 antibody.



Western blot testing of 1) human SH-SY5Y, 2) human HeLa, 3) human HEL, 4) human HL60, 5) human PC-3, 6) human Jurkat, 7) rat thymus and 8) mouse thymus tissue lysate with KLF13 antibody. Predicted molecular weight ~31 kDa.



IHC staining of FFPE rat thymus tissue with KLF13 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

Description

Kruppel-like factor 13, also known as KLF13, is a protein that in humans is encoded by the KLF13 gene. KLF13 belongs to a family of transcription factors that contain 3 classical zinc finger DNA-binding domains consisting of a zinc atom tetrahedrally coordinated by 2 cysteines and 2 histidines (C2H2 motif). These transcription factors bind to GC-rich sequences and related GT and CACCC boxes.

Application Notes

Optimal dilution of the KLF13 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids K56-R260) was used as the immunogen for the KLF13 antibody.

Storage

After reconstitution, the KLF13 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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