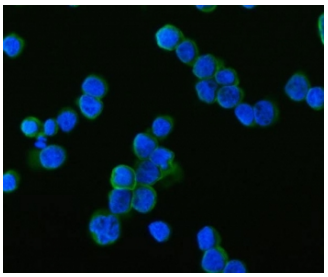
SAMSN1 Antibody (RQ7540)

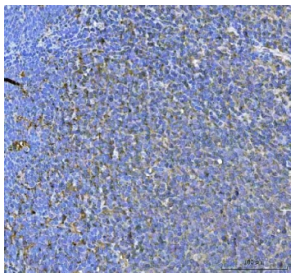
Catalog No.	Formulation	Size
RQ7540	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

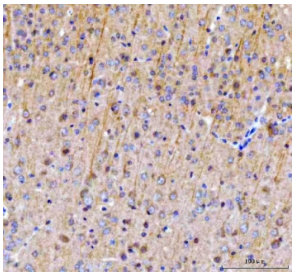
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9NSI8
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This SAMSN1 antibody is available for research use only.



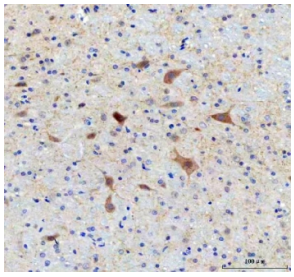
Immunofluorescent staining of FFPE human HEL cells with SAMSN1 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



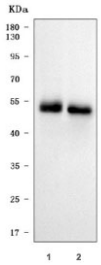
IHC staining of FFPE human tonsil tissue with SAMSN1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



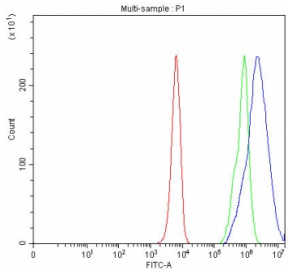
IHC staining of FFPE mouse brain tissue with SAMSN1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat brain tissue with SAMSN1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) K562 and 2) HEL cell lysate with SAMSN1 antibody. Predicted molecular weight ~42 kDa, commonly observed at 42-50 kDa.



Flow cytometry testing of fixed and permeabilized human K562 cells with SAMSN1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= SAMSN1 antibody.

Description

SAMSN1 (SAM domain, SH3 domain and nuclear localization signals protein 1) is a member of a novel protein family of putative adaptors and scaffold proteins containing SH3 and SAM (sterile alpha motif) domains.SAMSN1 is a member of a novel gene family of putative adaptors and scaffold proteins containing SH3 and SAM (sterile alpha motif) domains.

Application Notes

Optimal dilution of the SAMSN1 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids E99-D373) was used as the immunogen for the SAMSN1 antibody.

Storage

After reconstitution, the SAMSN1 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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