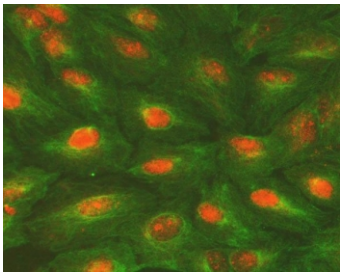
ALKBH5 Antibody (RQ5957)

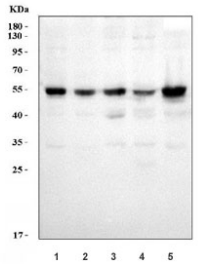
Catalog No.	Formulation	Size
RQ5957	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q6P6C2
Localization	Nuclear, cytoplasmic
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This ALKBH5 antibody is available for research use only.



Immunofluorescent staining of FFPE human A549 cells with ALKBH5 antibody (orange) and Alpha Tubulin mAb (green). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) 293T, 2) Jurkat, 3) HeLa, 4) HepG2 and 5) U-87 MG cell lysate with ALKBH5 antibody. Predicted molecular weight: ~52 kDa.

Description

RNA demethylase ALKBH5 is an enzyme that in humans is encoded by the ALKBH5 gene. It is mapped to 17p11.2. N(6)-methyladenosine (m(6)A) is the most prevalent modification of mRNA. ALKBH5 functions as a demethylase that removes m(6)A from mRNAs.

Application Notes

Optimal dilution of the ALKBH5 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids E81-R180) was used as the immunogen for the ALKBH5 antibody.

Storage

After reconstitution, the ALKBH5 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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