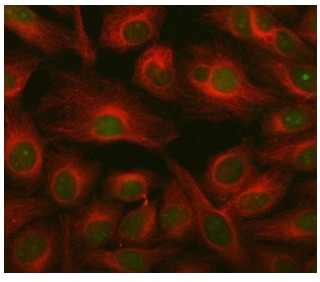
ING2 Antibody / Inhibitor of growth protein 2 (RQ8612)

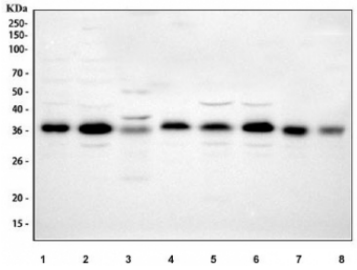
Catalog No.	Formulation	Size
RQ8612	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

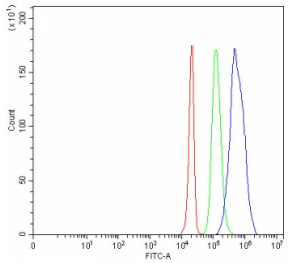
Availability	1-3 days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9H160
Localization	Nuclear
Applications	Western blot: 0.5-1ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells ELISA: 0.1-0.5ug/ml
Limitations	This ING2 antibody is available for research use only.



Immunofluorescent staining of FFPE human HeLa cells with ING2 antibody (green) and Beta Tubulin mAb (red). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human 293T, 2) human HepG2, 3) rat thymus, 4) rat PC-12, 5) mouse thymus, 6) mouse RAW264.7, 7) mouse EL-4 and 8) mouse ANA-1 cell lysate with ING2 antibody. Predicted molecular weight ~33 kDa and ~28 kDa (two isoforms).



Flow cytometry testing of fixed and permeabilized human HepG2 cells with ING2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ING2 antibody.

Description

Inhibitor of growth protein 2 is a protein that in humans is encoded by the ING2 gene. This gene is a member of the inhibitor of growth (ING) family. Members of the ING family associate with and modulate the activity of histone acetyltransferase (HAT) and histone deacetylase (HDAC) complexes and function in DNA repair and apoptosis. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the ING2 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids Q6-K181) was used as the immunogen for the ING2 antibody.

Storage

After reconstitution, the ING2 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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