ING1 Antibody (R32348)

Catalog No.	Formulation	Size
R32348	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	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q9UK53
Applications	Western blot: 0.1-0.5ug/ml
Limitations	This ING1 antibody is available for research use only.



Western blot testing of human 1) HeLa and 2) A549 cell lysate with ING1 antibody. Expected/observed molecular weight ~47 kDa.

Description

Inhibitor of growth protein 1 is a protein that in humans is encoded by the ING1 gene. It is mapped to 13q34. This gene encodes a tumor suppressor protein that can induce cell growth arrest and apoptosis. The encoded protein is a nuclear protein that physically interacts with the tumor suppressor protein TP53 and is a component of the p53 signaling pathway. Reduced expression and rearrangement of this gene have been detected in various cancers. Multiple alternatively spliced transcript variants encoding distinct isoforms have been reported.

Application Notes

Optimal dilution of the ING1 antibody should be determined by the researcher.

Immunogen

Amino acids KELDECYERFSRETDGAQKRRMLHCVQRALIR of human Inhibitor of growth protein 1 were used as the immunogen for the ING1 antibody.

Storage

After reconstitution, the ING1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.