

ING3 antibody - middle region

Rabbit Polyclonal Antibody Catalog # Al10497

Specification

ING3 antibody - middle region - Product Information

Application WB
Primary Accession O9NXR8

Other Accession NM 019071, NP 061944

Reactivity Human, Mouse, Rat, Zebrafish, Pig, Horse,

Yeast, Bovine, Dog

Predicted Human, Mouse, Rat, Zebrafish, Pig,

Chicken, Bovine, Dog

Host Rabbit
Clonality Polyclonal
Calculated MW 47kDa KDa

ING3 antibody - middle region - Additional Information

Gene ID 54556

Alias Symbol Eaf4, FLJ20089, ING2, p47ING3, MEAF4

Other Names

Inhibitor of growth protein 3, p47ING3, ING3

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-ING3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

ING3 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

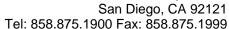
ING3 antibody - middle region - Protein Information

Name ING3

Function

Component of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. NuA4 may also play a direct role in DNA repair







when directly recruited to sites of DNA damage. Component of a SWR1-like complex that specifically mediates the removal of histone H2A.Z/H2AZ1 from the nucleosome.

Cellular Location Nucleus.

Tissue Location

Expressed in brain, heart, kidney, liver, lung, ovaries, placenta, prostate, skeletal muscle, small intestine, spleen, testis and thymus

ING3 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

