

ING3

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF IP

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200 IP 1:50 - 1:100

Calculated MW: 46kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human ING3

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

1 mg/ml

Synonym:

Eaf4; ING2; MEAF4; p47ING3;

Catalog #: A5832

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 54556

Isotype: IgG

Swiss Prot: Q9NXR8

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene is similar to ING1, a tumor suppressor protein that can interact with TP53, inhibit cell growth, and induce apoptosis. This protein contains a PHD-finger, which is a common motif in proteins involved in chromatin remodeling. This gene can activate p53 trans-activated promoters, including promoters of p21/waf1 and bax. Overexpression of this gene has been shown to inhibit cell growth and induce apoptosis. Allelic loss and reduced expression of this gene were detected in head and neck cancers. Two alternatively spliced transcript variants encoding different isoforms have been observed.

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