

ING3 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI10497

Product Information

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| Application | WB, IHC |
| Primary Accession | Q9NXR8 |
| Other Accession | NM_019071 , NP_061944 |
| Reactivity | Human, Mouse, Rat, Zebrafish, Pig, Dog, Bovine, Yeast |
| Predicted | Human, Mouse, Rat, Zebrafish, Pig, Chicken, Dog, Bovine |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 46743 |

Additional Information

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| 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. |

Protein Information

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| 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

References

Gunduz,M., (2008) Cancer Sci. 99 (3), 531-538 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-ING3 Antibody Titration: .2-1 ug/ml
ELISA Titer: 1:3125
Positive Control: Human heart

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.