

**ING3 Antibody (aa294-304)**  
**Goat Polyclonal Antibody**  
**Catalog # ALS11339****Specification**

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**ING3 Antibody (aa294-304) - Product Information**

Application	WB, IHC-P, IF, E
Primary Accession	<a href="#">Q9NXR8</a>
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	47kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A IF~~1:50~200 E~~N/A

**ING3 Antibody (aa294-304) - Additional Information****Gene ID** 54556**Other Names**

Inhibitor of growth protein 3, p47ING3, ING3

**Target/Specificity**

aa 294-304 of Human ING3 protein (Inhibitor of growth family, member 3). This sequence only shows homology to isoform 1 for ING3.

**Reconstitution & Storage**

+4°C or -20°C, Avoid repeated freezing and thawing.

**Precautions**

ING3 Antibody (aa294-304) is for research use only and not for use in diagnostic or therapeutic procedures.

**ING3 Antibody (aa294-304) - 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.

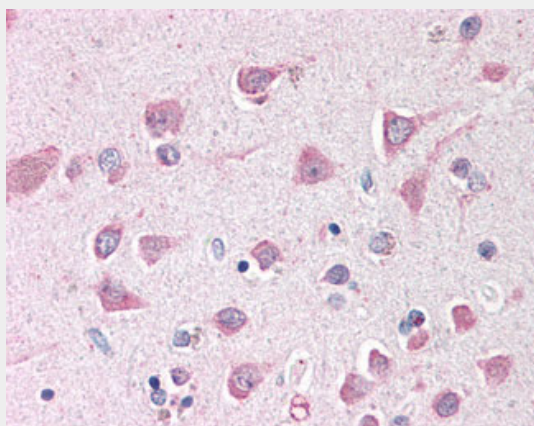
**Tissue Location**

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

**ING3 Antibody (aa294-304) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**ING3 Antibody (aa294-304) - Images**

Anti-ING3 antibody IHC of human brain, cortex.

**ING3 Antibody (aa294-304) - Background**

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**ING3 Antibody (aa294-304) - References**

Nagashima M., et al. Oncogene 22:343-350(2003).

Zenklusen J.C.,et al.Submitted (SEP-2000) to the EMBL/GenBank/DDBJ databases.

Ota T.,et al.Nat. Genet. 36:40-45(2004).

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