

Anti-ING3 Antibody (clone 2E9)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS17722**Specification**

Anti-ING3 Antibody (clone 2E9) - Product Information

Application	WB, IHC-P, E
Primary Accession	Q9NXR8
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Calculated MW	46743

Anti-ING3 Antibody (clone 2E9) - Additional Information**Gene ID** 54556**Alias Symbol** **ING3****Other Names**

ING3, p47ING3, Inhibitor of growth protein 3, MEAF4, Eaf4, p47

Target/Specificity

Human ING3

Reconstitution & Storage

Protein A purified

Precautions

Anti-ING3 Antibody (clone 2E9) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-ING3 Antibody (clone 2E9) - 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

Anti-ING3 Antibody (clone 2E9) - 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](#)

Anti-ING3 Antibody (clone 2E9) - Images