



[Go to Product page](#)

Datasheet for ABIN6257280
anti-ING4 antibody (Internal Region)

1 Image

Overview

Quantity:	100 µL
Target:	ING4
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ING4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human ING4, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	ING4 Antibody detects endogenous levels of total ING4.
Predicted Reactivity:	Bovine,Horse,Sheep,Rabbit,Dog,Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	ING4
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Target Details

Alternative Name: [ING4 \(ING4 Products\)](#)

Background: Description: Component of the HBO1 complex which has a histone H4-specific acetyltransferase activity, a reduced activity toward histone H3 and is responsible for the bulk of histone H4 acetylation in vivo. Through chromatin acetylation it may function in DNA replication. May inhibit tumor progression by modulating the transcriptional output of signaling pathways which regulate cell proliferation. Can suppress brain tumor angiogenesis through transcriptional repression of RELA/NFKB3 target genes when complexed with RELA. May also specifically suppress loss of contact inhibition elicited by activated oncogenes such as MYC. Represses hypoxia inducible factor's (HIF) activity by interacting with HIF prolyl hydroxylase 2 (EGLN1). Can enhance apoptosis induced by serum starvation in mammary epithelial cell line HC11 (By similarity).
Gene: ING4

Molecular Weight: 29 kDa

Gene ID: 51147

UniProt: [Q9UNL4](#)

Application Details

Application Notes: WB 1:500-1:2000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

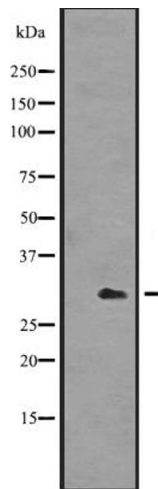
Buffer: Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Expiry Date: 12 months



Western Blotting

Image 1. Western blot analysis of ING4 expression in A431 cell lysate ,The lane on the left is treated with the antigen-specific peptide.