

Datasheet for ABIN7115237 **anti-ING4 antibody**



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ING4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ING4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunofluorescence (IF)

Product Details

Immunogen:	inhibitor of growth family, member 4
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	ING4
Alternative Name:	ING4 (ING4 Products)
Background:	Synonyms:ING4, Inhibitor of growth protein 4, my036, P29ing4 Background: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

Target Details

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).

Molecular Weight: 29kd

Gene ID: 51147

UniProt: [Q9UNL4](#)

Application Details

Application Notes: WB: 1:500-1:2000, IHC: 1:20-1:200, IF: 1:20-1:200, IP: 1:200-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months