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Datasheet for ABIN7156253
anti-ING4 antibody (AA 75-249)

1 Image

Overview

Quantity:	100 µg
Target:	ING4
Binding Specificity:	AA 75-249
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ING4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Inhibitor of growth protein 4 protein (75-249AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ING4
Alternative Name:	ING4 (ING4 Products)
Background:	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

Target Details

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).

Aliases: Brain my036 protein antibody, Candidate tumor suppressor p33 ING 1 homolog antibody, Candidate tumor suppressor p33 ING1 homolog antibody, D6Wsu147e antibody, D6Xrf92 antibody, ING 1 like protein antibody, ING 4 antibody, ING1 like protein antibody, ING4 antibody, ING4_HUMAN antibody, Inhibitor of growth family member 4 antibody, Inhibitor of growth family member 4 long isoform antibody, Inhibitor of growth protein 4 antibody, MGC12557 antibody, my036 antibody, p29 ING 4 antibody, p29 ING4 antibody, p29ING4 antibody

UniProt: [Q9UNL4](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

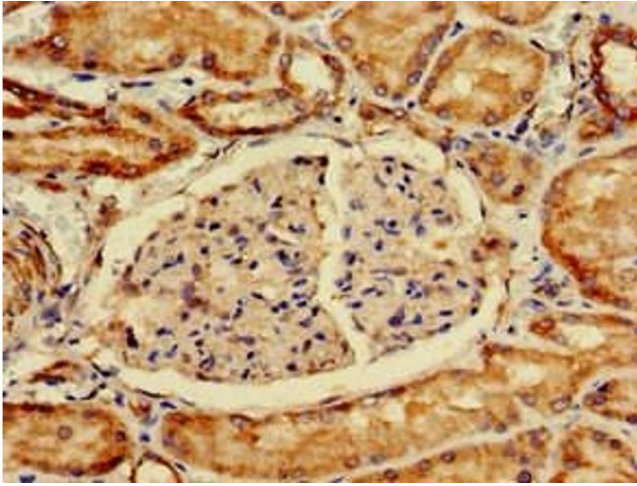
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7156253 at dilution of 1:100