Datasheet for ABIN7156256 anti-ING4 antibody (AA 75-249) (HRP)

Overview

Quantity:	100 µg
Target:	ING4
Binding Specificity:	AA 75-249
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ING4 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Inhibitor of growth protein 4 protein (75-249AA)
lsotype:	lgG
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

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	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 aopotosis 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:	Optimal working dilution should be determined by the investigator.
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.