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ING5 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56348

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q8WYH8
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27751

Additional Information

Gene ID	84289
Other Names	Inhibitor of growth protein 5, p28ING5, ING5
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	ING5
Function	Component of the HBO1 complex, which specifically mediates acetylation of histone H3 at 'Lys-14' (H3K14ac) and, to a lower extent, acetylation of histone H4 (PubMed:24065767). Component of the MOZ/MORF complex which has a histone H3 acetyltransferase activity (PubMed:16387653). Through chromatin acetylation it may regulate DNA replication and may function as a transcriptional coactivator (PubMed:12750254, PubMed:16387653). Inhibits cell growth, induces a delay in S-phase progression and enhances Fas-induced apoptosis in an INCA1-dependent manner (PubMed:21750715).
Cellular Location	Nucleus. Chromosome. Note=Localizes to transcription start sites.
Tissue Location	Down-regulated in bone marrow cells in acute myeloid leukemia patients as compared with normal bone marrow cells

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.