

# ING5 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP56348

## Product Information

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<b>Application</b>	IHC-P, IHC-F, IF, ICC, E
<b>Primary Accession</b>	<a href="#">Q8WYH8</a>
<b>Reactivity</b>	Rat, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	27751

## Additional Information

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<b>Gene ID</b>	84289
<b>Other Names</b>	Inhibitor of growth protein 5, p28ING5, ING5
<b>Dilution</b>	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
<b>Storage</b>	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

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<b>Name</b>	ING5
<b>Function</b>	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: <a href="#">24065767</a> ). Component of the MOZ/MORF complex which has a histone H3 acetyltransferase activity (PubMed: <a href="#">16387653</a> ). Through chromatin acetylation it may regulate DNA replication and may function as a transcriptional coactivator (PubMed: <a href="#">12750254</a> , PubMed: <a href="#">16387653</a> ). Inhibits cell growth, induces a delay in S-phase progression and enhances Fas-induced apoptosis in an INCA1-dependent manner (PubMed: <a href="#">21750715</a> ).
<b>Cellular Location</b>	Nucleus. Chromosome. Note=Localizes to transcription start sites.
<b>Tissue Location</b>	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'.