

Datasheet for ABIN674516
anti-ING1 antibody (AA 301-422) (Biotin)



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Overview

Quantity:	100 µL
Target:	ING1
Binding Specificity:	AA 301-422
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ING1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human inhibitor of growth gene 1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat
Purification:	Purified by Protein A.

Target Details

Target:	ING1
Alternative Name:	ING1/p33ING1b (ING1 Products)

Target Details

Background: Synonyms: inhibitor of growth gene 1, Growth inhibitor ING 1, Growth inhibitor ING1, Growth inhibitory protein ING 1, Growth inhibitory protein ING1, Homo sapiens growth inhibitor p33ING1 ING1 mRNA, complete cds, ING 1, Inhibitor of growth 1, Inhibitor of growth family member 1, Inhibitor of growth protein 1, p24ING1c, p33, p33 ING1, p33ING1, p33ING1b, p47, p47ING1a, Tumor suppressor ING 1, Tumor suppressor ING1.

Background: This gene encodes a tumor suppressor protein that can induce cell growth arrest and apoptosis. The encoded protein is a nuclear protein that physically interacts with the tumor suppressor protein TP53 and is a component of the p53 signaling pathway. Reduced expression and rearrangement of this gene have been detected in various cancers. Multiple alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq].

Gene ID: 3621

Pathways: [Protein targeting to Nucleus](#), [Autophagy](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months