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Datasheet for ABIN2855406

## anti-ING3 antibody

### 1 Image

#### Overview

Quantity:	100 µL
Target:	ING3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ING3 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of human ING3. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit polyclonal antibody to ING3 (inhibitor of growth family, member 3) ING3 antibody [N2N3]
Purification:	Purified by antigen-affinity chromatography.

#### Target Details

Target:	ING3
Alternative Name:	inhibitor of growth family member 3 ( <a href="#">ING3 Products</a> )

## Target Details

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**Background:** The protein encoded by this gene is similar to ING1, a tumor suppressor protein that can interact with TP53, inhibit cell growth, and induce apoptosis. This protein contains a PHD-finger, which is a common motif in proteins involved in chromatin remodeling. This gene can activate p53 trans-activated promoters, including promoters of p21/waf1 and bax. Overexpression of this gene has been shown to inhibit cell growth and induce apoptosis. Allelic loss and reduced expression of this gene were detected in head and neck cancers. Two alternatively spliced transcript variants encoding different isoforms have been observed.

Cellular Localization: Nucleus

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**Molecular Weight:** 47 kDa

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**Gene ID:** 54556

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**UniProt:** [Q9NXR8](#)

## Application Details

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**Application Notes:** WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.  
Not tested in other applications.

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**Comment:** Positive Control: H1299

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 mg/mL

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**Buffer:** 1XPBS ( pH 7), 40 % Glycerol, 0.01 % Thimerosal

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**Preservative:** Thimerosal (Merthiolate)

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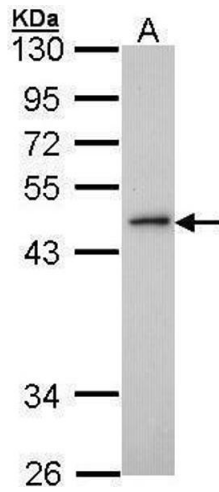
**Precaution of Use:** This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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**Storage:** 4 °C,-20 °C

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**Storage Comment:** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



### Western Blotting

**Image 1.** WB Image Sample (30 ug of whole cell lysate) A:  
H1299 10% SDS PAGE antibody diluted at 1:1000