Datasheet for ABIN630670

anti-ING3 antibody (N-Term)

1 Image

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Overview

Quantity:	100 µL
Target:	ING3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ING3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	ING3 antibody was raised using the N terminal of ING3 corresponding to a region with amino acids MDQLEQRVSEFFMNAKKNKPEWREEQMASIKKDYYKALEDADEKVQLANQ
Specificity:	ING3 antibody was raised against the N terminal of ING3
Purification:	Affinity purified

Target Details

Target:	ING3
Alternative Name:	ING3 (ING3 Products)
Background:	ING3 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

Target Details

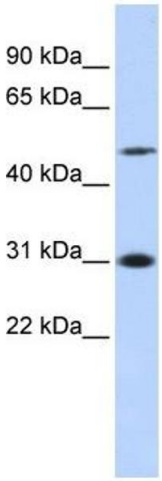
	promoters, including promoters of p21/waf1 and bax. Overexpression of this gene has been shown to inhibit cell growth and induce apoptosis. Allelic loss and reduced expression of this gene were detected in head and neck cancers.
Molecular Weight:	47 kDa (MW of target protein)

Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	ING3 Blocking Peptide, catalog no. 33R-5862, is also available for use as a blocking control in assays to test for specificity of this ING3 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of ING3 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. ING3 antibody used at 1 ug/ml to detect target protein.