

Datasheet for ABIN2784250  
**anti-ING4 antibody (Middle Region)**



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1 Image

## Overview

Quantity:	100 µL
Target:	ING4
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Rabbit, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ING4 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ING4
Sequence:	DLKEKQIESS DYDSSSSK GK KSRTQKEKKA ARARSKGKNS DEEAPKTAQK
Predicted Reactivity:	Cow: 100%, Dog: 87%, Guinea Pig: 87%, Horse: 87%, Human: 100%, Mouse: 100%, Rabbit: 87%, Rat: 87%
Characteristics:	This is a rabbit polyclonal antibody against ING4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	ING4
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## Target Details

Alternative Name:	ING4 ( <a href="#">ING4 Products</a> )
Background:	<p>ING4 is a tumor suppressor protein that contains a PHD-finger, which is a common motif in proteins involved in chromatin remodeling. This protein can bind TP53 and EP300/p300, a component of the histone acetyl transferase complex, suggesting its involvement in the TP53-dependent regulatory pathway. This gene encodes a tumor suppressor protein that contains a PHD-finger, which is a common motif in proteins involved in chromatin remodeling. This protein can bind TP53 and EP300/p300, a component of the histone acetyl transferase complex, suggesting its involvement in the TP53-dependent regulatory pathway. Multiple alternatively spliced transcript variants have been observed that encode distinct proteins.</p> <p>Alias Symbols: MGC12557, my036, p29ING4</p> <p>Protein Interaction Partner: NAV2, GADD45A, SUV39H1, RELA, CDC34, HIST3H3, MSX1, TP53, PADI4, ING4, KAT7, JADE1, UBC, HIST1H3A, TLX3, JADE2, HOXB9, Trp53, EGLN1, G3BP2, PPFIA1, UBE2D2, EP300, HHT2, HHT1, HIST2H3C, JADE3, MEAF6, CDKN2A,</p> <p>Protein Size: 248</p>
Molecular Weight:	28 kDa
Gene ID:	51147
NCBI Accession:	<a href="#">NM_016162</a> , <a href="#">NP_057246</a>
UniProt:	<a href="#">Q9UNL4</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 248 AA
Restrictions:	For Research Use only

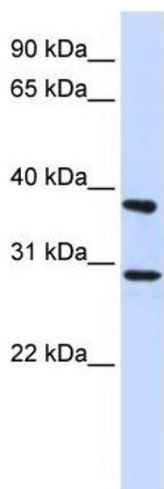
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



**Western Blotting**

**Image 1.** WB Suggested Anti-ING4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: 293T cell lysate ING4 is supported by BioGPS gene expression data to be expressed in HEK293T