



Datasheet for ABIN2784201
anti-ING2 antibody (N-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	ING2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Rabbit, Dog, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ING2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human ING2
Sequence:	TCYVQDYLEC VESLPHDMQR NVSVLRELDN KYQETLKEID DVYEKYKKED
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against ING2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	ING2
Alternative Name:	ING2 (ING2 Products)

Target Details

Background:	<p>This gene is a member of the inhibitor of growth (ING) family. Members of the ING family associate with and modulate the activity of histone acetyltransferase (HAT) and histone deacetylase (HDAC) complexes and function in DNA repair and apoptosis.</p> <p>Alias Symbols: ING1L, p33ING2</p> <p>Protein Interaction Partner: SIRT1, WDR5, PRMT5, HIST3H3, UBC, HDAC1, APP, SMURF1, SUMO1, COPS2, TP53, SKIL, SMAD2, EP300, PCNA, HIST2H4A, SMURF2, SMAD1, HHT2, SAP30, HHT1, SIN3A, BRMS1L, SAP130, SUDS3, ARID4B, SMARCC2, SMARCC1, SMARCB1, RBBP7, RBBP4, ARID4A, HDAC2, ACTL6A,</p> <p>Protein Size: 280</p>
Molecular Weight:	33 kDa
Gene ID:	3622
NCBI Accession:	NM_001564 , NP_001555
UniProt:	Q9H160
Pathways:	Chromatin Binding , Autophagy , Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 280 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 should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

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.

Validation report #100030 for Western Blotting (WB)



Western Blotting

Image 1. WB Suggested Anti-ING2 Antibody Titration: 0.2-1 µg/ml ELISA Titer: 1:312500 Positive Control: COLO205 cell lysate ING2 is strongly supported by BioGPS gene expression data to be expressed in Human COLO205 cells

Western Blotting

Image 2. WB Suggested Anti-ING2 Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500 Positive Control: COLO205 cell lysate ING2 is strongly supported by BioGPS gene expression data to be expressed in Human COLO205 cells