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Datasheet for ABIN5516062 anti-ID1 antibody (Middle Region)

2 Images



Overview

Quantity:	100 μL
Target:	ID1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Guinea Pig, Dog, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ID1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

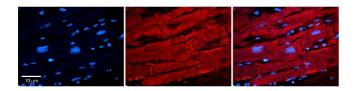
Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human ID1
Sequence:	YDMNGCYSRL KELVPTLPQN RKVSKVEILQ HVIDYIRDLQ LELNSESEVG
Predicted Reactivity:	Cow: 100%, Dog: 77%, Guinea Pig: 100%, Horse: 80%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 87%
Characteristics:	This is a rabbit polyclonal antibody against ID1. It was validated on Western Blot.
Purification:	Affinity purified
Target Details	
Target:	ID1
Alternative Name:	ID1 (ID1 Products)

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Target Details	
Background:	The protein encoded by this gene is a helix-loop-helix (HLH) protein that can form heterodimers with members of the basic HLH family of transcription factors. The encoded protein has no DNA binding activity and therefore can inhibit the DNA binding and transcriptional activation ability of basic HLH proteins with which it interacts. This protein may play a role in cell growth, senescence, and differentiation. Two transcript variants encoding different isoforms have been found for this gene.
	Alias Symbols: ID1, BHLHB24, ID,
	Protein Interaction Partner: UBC, SUV39H1, PPP2CA, CAV1, TCF4, COPB1, FZR1, RASSF1, CDC20, HHV8GK18_gp81, TCF3, PSMD4, SMURF2, IKBKG, GATA4, NKX2-5, MYOD1, TCF12, ELK4, ELK1, CASK, MYF6, MYF5, MYOG, IFI16, HES1, RUNX1T1, ELSPBP1,
	Protein Size: 155
Gene ID:	3397
UniProt:	P41134
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
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.
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.

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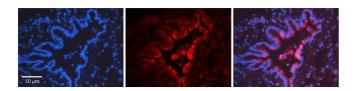


Immunohistochemistry

Image 1. Rabbit Anti-ID1 Antibody Formalin Fixed Paraffin Embedded Tissue: Human heart Tissue Observed Staining: Cytoplasmic Primary Antibody Concentration: N/A Other Working Concentrations: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

Immunohistochemistry

Image 2. Rabbit Anti-ID1 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Lung Tissue Observed Staining: Cytoplasm Primary Antibody Concentration: 1:100 Other Working Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec



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