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Datasheet for ABIN2855889 anti-DDAH1 antibody (C-Term)

2 Images



Overview

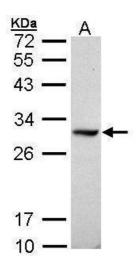
Quantity:	100 µL
Target:	DDAH1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDAH1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human DDAH1. The exact sequence is proprietary.
Isotype:	lgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to DDAH1 (dimethylarginine dimethylaminohydrolase 1) DDAH1 antibody [C2C3], C-term
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	DDAH1

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Target Details	
Alternative Name:	dimethylarginine dimethylaminohydrolase 1 (DDAH1 Products)
Background:	This gene belongs to the dimethylarginine dimethylaminohydrolase (DDAH) gene family. The encoded enzyme plays a role in nitric oxide generation by regulating cellular concentrations of methylarginines, which in turn inhibit nitric oxide synthase activity.
Molecular Weight:	31 kDa
Gene ID:	23576
UniProt:	094760
Application Details	
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Raji , mouse kidney
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.45 mg/mL
Buffer:	1XPBS (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
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: Raji 12% SDS PAGE antibody diluted at 1:1000

Immunofluorescence

Image 2. ICC/IF Image Immunofluorescence analysis of methanol-fixed HCT116, using DDAH1, antibody at 1:500 dilution.

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