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Datasheet for ABIN184668
anti-DDAH2 antibody (C-Term)

3 Images

Overview

Quantity:	100 µg
Target:	DDAH2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This DDAH2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	DDAH2
Immunogen:	SSLCLVLSTRPHS
Sequence:	SSLCLVLSTR PHS
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	DDAH2
Alternative Name:	DDAH2 (DDAH2 Products)
Background:	DDAH2, dimethylarginine dimethylaminohydrolase 2, DDAH, G6a, NG30, DDAHII, dimethylarginine dimethylaminohydrolase II, NG-dimethylarginine dimethylamino hydrolase homolog, OTTHUMP00000062666, DADB-110M10.5, OTTHUMP00000029307, OTTHUMP00000174406, alternat
Gene ID:	23564
NCBI Accession:	NP_039268

Application Details

Application Notes:	Western Blot: Approx 28 kDa band observed in Human Lung lysates (calculated MW of 29.6 kDa according to NP_039268.1). Recommended concentration: 0.1-0.3 µg/mL. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Mouse and Rat for this pa Peptide ELISA: antibody detection limit dilution 1:16000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the cytoplasm of A431 cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended concentration: 10ug/ml.<
Restrictions:	For Research Use only

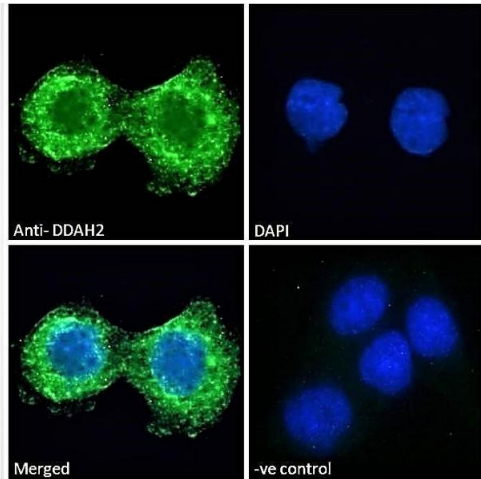
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C

Handling

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images

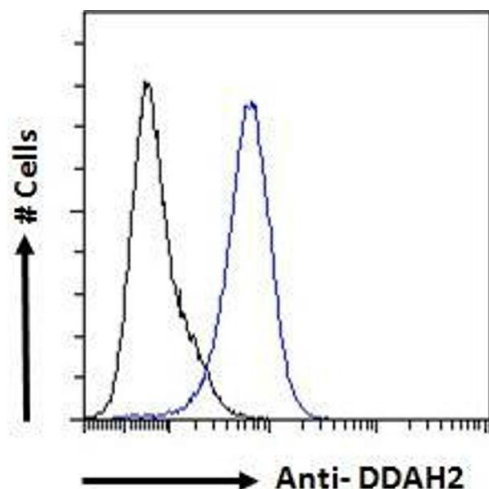


Immunofluorescence

Image 1. ABIN184668 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

Western Blotting

Image 2. ABIN184668 staining (1µg/ml) of human heart extracts (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Flow Cytometry

Image 3. ABIN184668 Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.