

For Research Use Only

DDAH1 Monoclonal antibody

Catalog Number: 68823-1-Ig



Basic Information

Catalog Number:

68823-1-Ig

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG32840

GenBank Accession Number:

NM_012137

GeneID (NCBI):

23576

UNIPROT ID:

O94760

Full Name:

dimethylarginine
dimethylaminohydrolase 1

Calculated MW:

31kd

Observed MW:

35 kDa

Purification Method:

Protein G purification

CloneNo.:

1A1A6

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : Calu-3 cells, SH-SY5Y cells, HT-29 cells, SK-N-SH cells

Background Information

Dimethylarginine dimethylaminohydrolase 1 (DDAH1) is an enzyme that can degrade asymmetric dimethylarginine (ADMA), an endogenous nitric oxide synthase (NOS) inhibitor (PMID:26996393). About 80% of endogenous ADMA is metabolized by DDAH, principally the DDAH1 isoform (PMID:22460174). It was reported that DDAH1 is highly expressed in vascular endothelial cells in hearts (PMID:19917889). The observed molecular weight of DDAH1 is 35-40 kDa in the literature.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

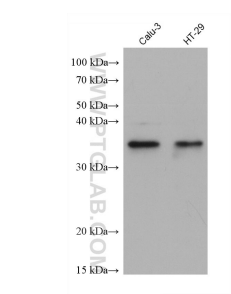
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

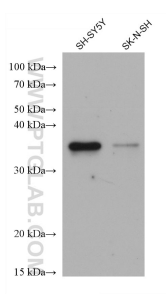
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68823-1-Ig (DDAH1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



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