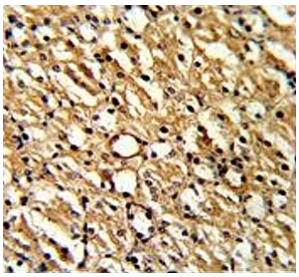
# Dimethylargininase 1 Antibody / DDAH1 (F54789)

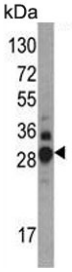
| Catalog No. | Formulation | Size |
|---|---|---|
| F54789-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F54789-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

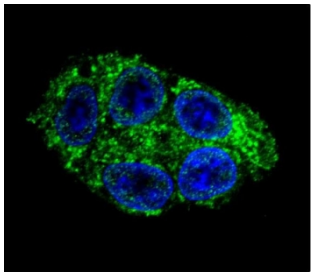
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Mouse |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Purified |
| **UniProt** | O94760 |
| **Localization** | Cytoplasmic |
| **Applications** | Immunofluorescence: 1:25<br>Western blot: 1:500-1:1000<br>Flow cytometry: 1:25 (1x10e6 cells)<br>Immunohistochemistry (FFPE): 1:25 |
| **Limitations** | This Dimethylargininase 1 antibody is available for research use only. |



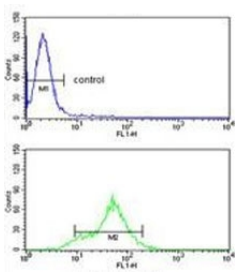
IHC testing of FFPE mouse kidney tissue with Dimethylargininase 1 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.




Western blot testing of mouse kidney tissue lysate with Dimethylargininase 1 antibody. Expected molecular weight: 31-38 kDa.



Immunofluorescent staining of human HepG2 cells with Dimethylargininase 1 antibody (green) and DAPI nuclear stain (blue).




Flow cytometry testing of human HEK293 cells with Dimethylargininase 1 antibody; Blue=isotype control, Green= Dimethylargininase 1 antibody.

## Description

DDAH1 plays a role in nitric oxide generation by regulating cellular concentrations of methylarginines, which in turn inhibit nitric oxide synthase activity.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the Dimethylargininase 1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 221-250 from the human protein was used as the immunogen for the Dimethylargininase 1 antibody.

## Storage

Aliquot the Dimethylargininase 1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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