

DDAH2 polyclonal antibody

Catalog: BS90397

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

DDAH, a dimethylarginine dimethylaminohydrolase, hydrolyzes dimethyl arginine (ADMA) and monomethyl arginine (MMA), both inhibitors of nitric oxide synthases, and may be involved in in-vivo modulation of nitric oxide production. Impairment of DDAH causes ADMA accumulation and a reduction in cGMP generation. DDAH II, the predominant DDAH isoform in endothelial cells, facilitates the induction of nitric oxide synthesis by all-trans-Retinoic acid (atRA). DDAH proteins are highly expressed in colon, kidney, stomach and liver tissues.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

30kDa

Swiss-Prot:

O95865(Human)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:2,000-1:5,000

IP:1:10-:50

Storage&Stability:

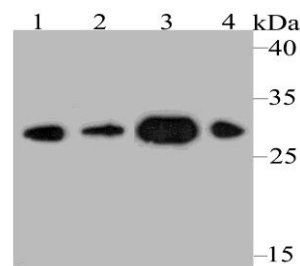
Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid

repeated freeze / thaw cycles.

Specificity:

DDAH2 polyclonal antibody detects endogenous levels of DDAH2 protein.

DATA:



Western blot analysis of DDAH2 on different tissue lysates using anti-DDAH2 antibody at 1/2,000 dilution.

Positive control:

Lane 1: Rat heart

Lane 2: Mouse heart

Lane 3: Mouse lung

Lane 4: Human lung

Note:

For research use only, not for use in diagnostic procedure.

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