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Research Use Only. Not for diagnostic or therapeutic use.

EB05277-T - Goat Anti-DDAH2 Antibody - Trial

Size: 20µg specific antibody in 40µl



Target Protein

Principal Names: DDAH2, dimethylarginine dimethylaminohydrolase 2, DDAH, G6a, NG30, DDAHII, dimethylarginine dimethylaminohydrolase II, NG-dimethylarginine dimethylamino hydrolase homolog, OTTHUMP00000062666, DADB-110M10.5, OTTHUMP00000029307, OTTHUMP00000174406, alternative name: NG30, G6a,

dimethylarginine dimethylaminohydrolase II

Official Symbol: DDAH2

Accession Number(s): NP_039268.1

Human GeneID(s): 23564

Immunogen

Peptide with sequence SSLCLVLSTRPHS, from the C Terminus of the protein sequence according to NP_039268.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 28kDa band observed in Human Lung lysates (calculated MW of 29.6kDa according to NP_039268.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Mouse and Rat for this particular batch.

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.

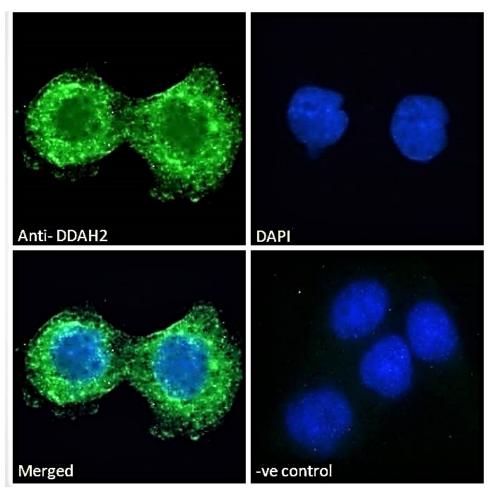
Species Reactivity

Tested: Human

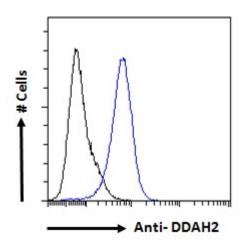
Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



EB05277 (0.1 μ g/ml) staining of Human Lung lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB05277 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).



EB05277 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.