



## International Office

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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.

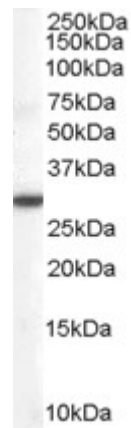
**Immunofluorescence:** Strong expression of the protein seen in the cytoplasm of A431 cells. Recommended concentration: 10µg/ml.

**Flow Cytometry:** Flow cytometric analysis of A431 cells. Recommended concentration: 10ug/ml.

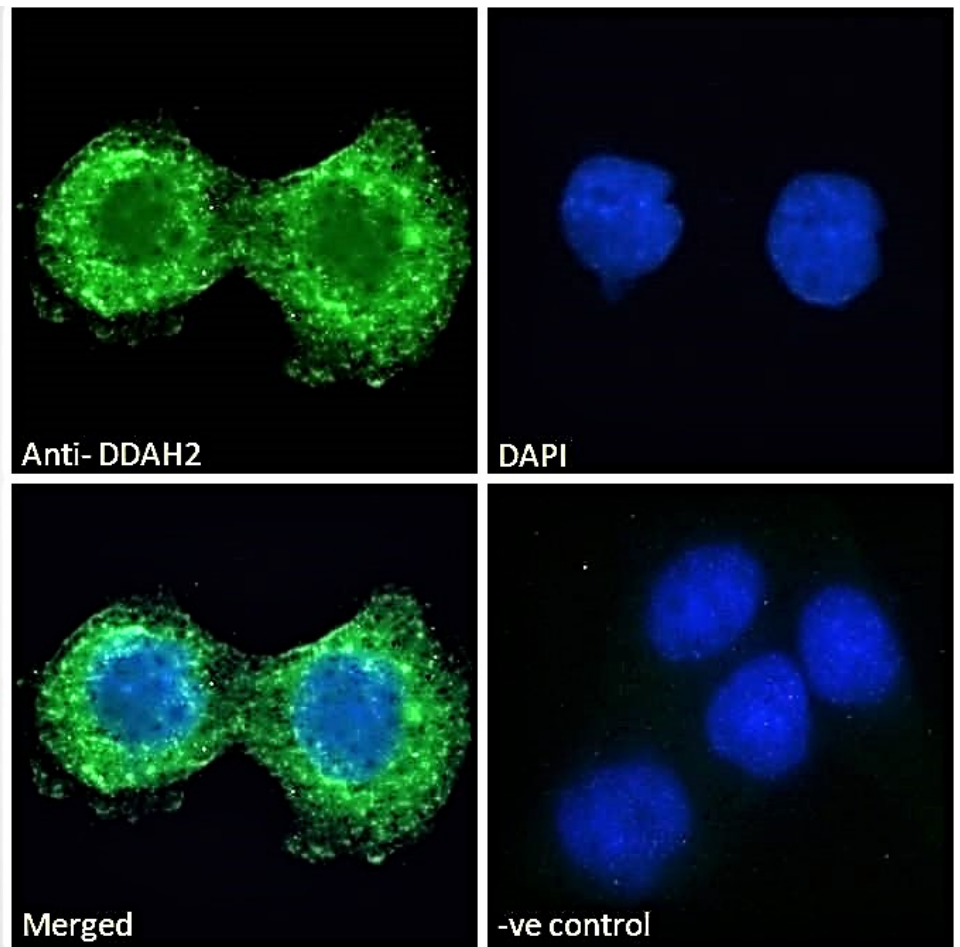
### Species Reactivity

**Tested:** Human

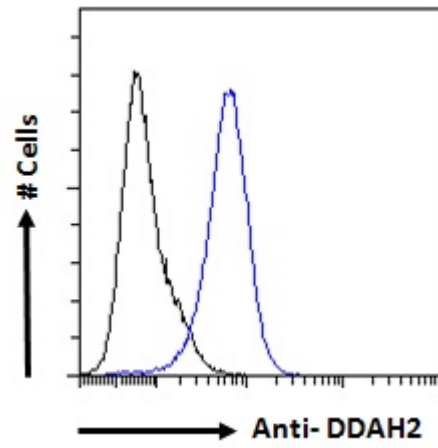
**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Cow



EB05277 (0.1µg/ml) staining of Human Lung lysate (35µg 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.