

Product datasheet for **TA375367**

DDAH2 Rabbit Polyclonal Antibody

Product data:

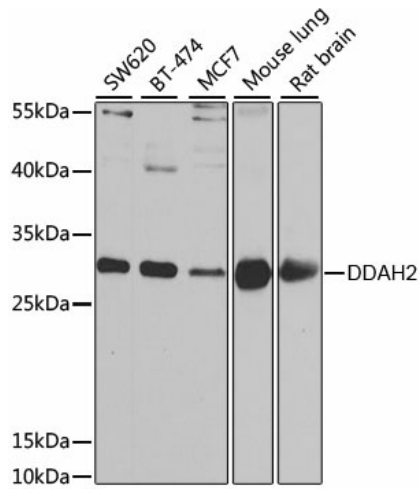
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|-------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | ICC/IF, IHC, WB |
| Recommended Dilution: | WB,1:500 - 1:2000 IHC,1:50 - 1:100 IF,1:10 - 1:100 |
| Reactivity: | Human, Mouse, Rat |
| Modifications: | Unmodified |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 1-285 of human DDAH2 (NP_039268.1). |
| Formulation: | Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| Concentration: | lot specific |
| Purification: | Affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles. |
| Stability: | Shelf life: one year from despatch. |
| Predicted Protein Size: | 29kDa |
| Gene Name: | dimethylarginine dimethylaminohydrolase 2 |
| Database Link: | Entrez Gene 23564 Human O95865 |
| Background: | This gene encodes a dimethylarginine dimethylaminohydrolase. The encoded enzyme functions in nitric oxide generation by regulating the cellular concentrations of methylarginines, which in turn inhibit nitric oxide synthase activity. The protein may be localized to the mitochondria. Alternative splicing resulting in multiple transcript variants. |



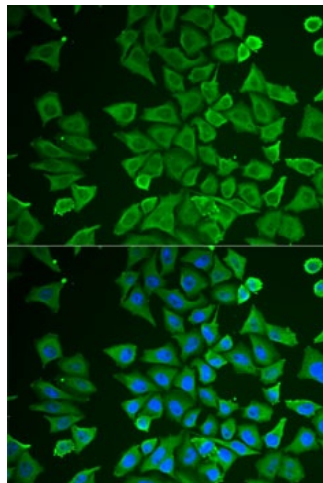
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Synonyms: DDAH; DDAH-2; DDAHII; Dimethylargininase-2; G6a; NG30; OTTHUMP00000029307; OTTHUMP00000174406

Product images:



Western blot analysis of extracts of various cell lines, using DDAH2 antibody (TA375367) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 10s.



Immunofluorescence analysis of U2OS cells using DDAH2 antibody (TA375367). Blue: DAPI for nuclear staining.