

Product datasheet for **TA344265**

DDAH2 Rabbit Polyclonal Antibody

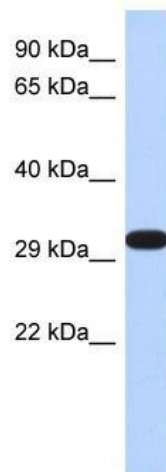
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-DDAH2 antibody: synthetic peptide directed towards the N terminal of human DDAH2. Synthetic peptide located within the following region: MGTPGEGLGRCSHALIRGVPESLASGEGAGAGLPALDLAKAQREHGVLG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	31 kDa
Gene Name:	dimethylarginine dimethylaminohydrolase 2
Database Link:	NP_039268 Entrez Gene 51793 Mouse Entrez Gene 23564 Human O95865

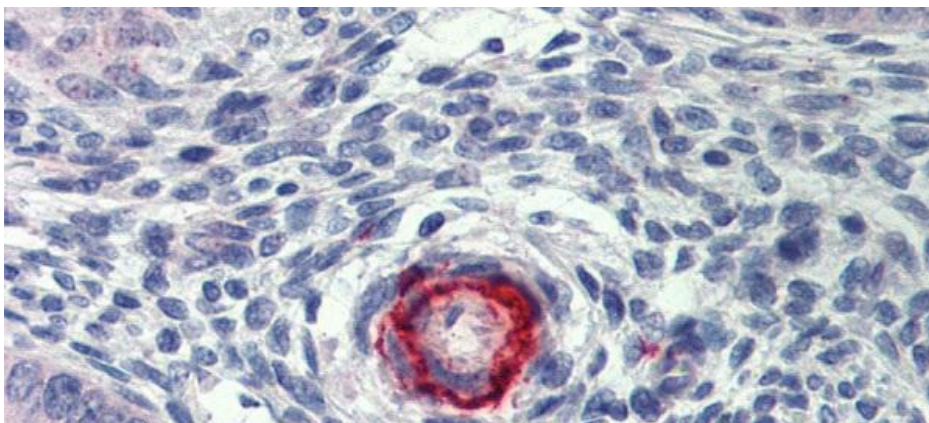
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- Background:** DDAH2 hydrolyzes N(G),N(G)-dimethyl-L-arginine (ADMA) and N(G)-monomethyl-L-arginine (MMA) which act as inhibitors of NOS. DDAH2 has therefore a role in nitric oxide generation. This gene belongs to the dimethylarginine dimethylaminohydrolase (DDAH) gene family. The encoded enzyme plays a role in nitric oxide generation by regulating cellular concentrations of methylarginines, which in turn inhibit nitric oxide synthase activity. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
- Synonyms:** DDAH; DDAHII; G6a; HEL-S-277; NG30
- Note:** Immunogen Sequence Homology: Dog: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 93%; Rabbit: 79%

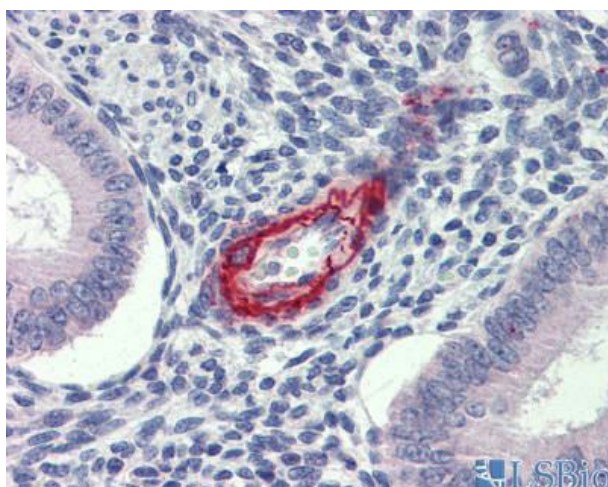
Product images:



WB Suggested Anti-DDAH2 Antibody Titration: 1 ug/ml; Positive Control: Fetal Brain Lysate



Immunohistochemistry with Human Uterus lysate tissue at an antibody concentration of 5.0 ug/ml using anti-DDAH2 antibody



Human Uterus