

Product datasheet for **TA371226**

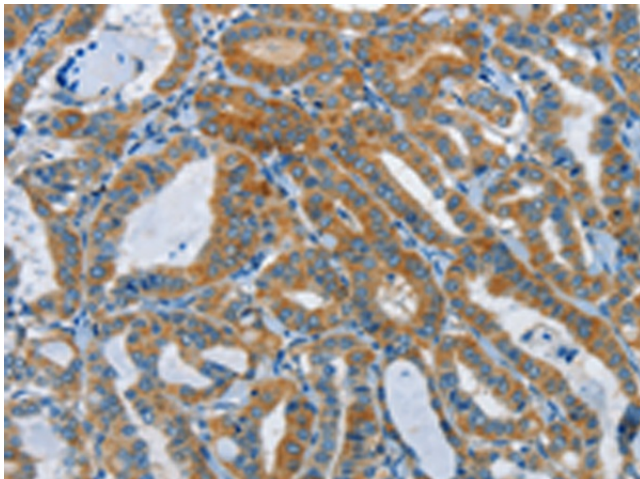
DDAH1 Rabbit Polyclonal Antibody

Product data:

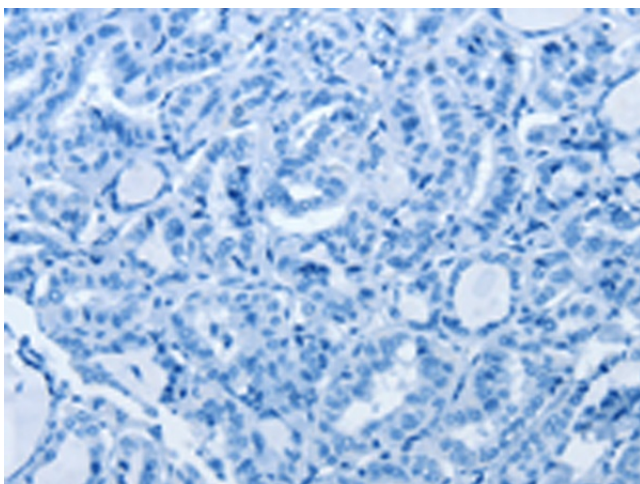
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human DDAH1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	dimethylarginine dimethylaminohydrolase 1
Database Link:	Entrez Gene 23576 Human O94760
Background:	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. 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.
Synonyms:	DDAH; DDAH-1; DDAHI; Dimethylargininase-1; FLJ21264; FLJ25539



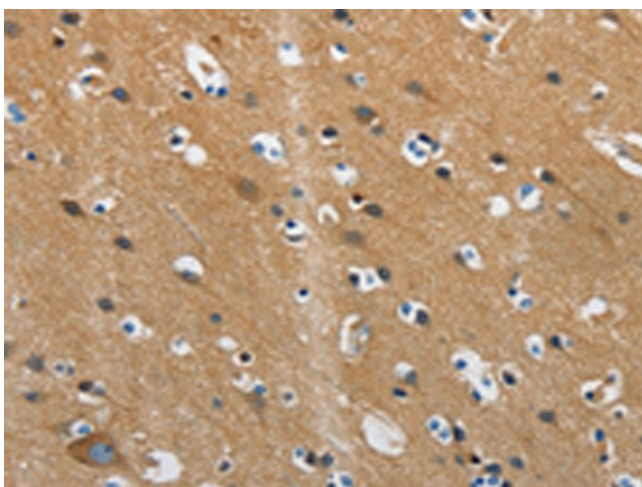
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Product images:

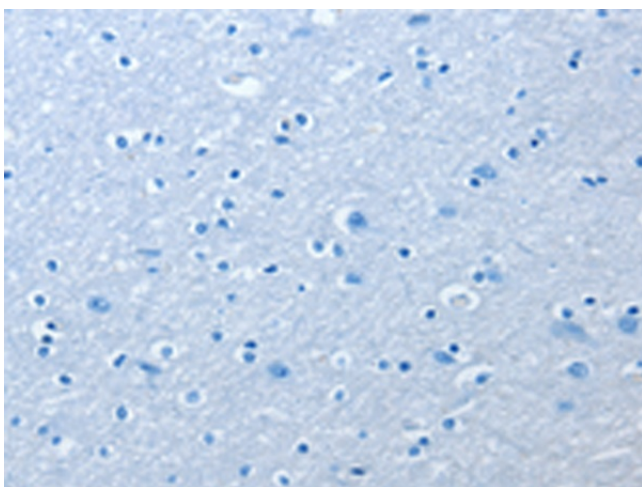
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA371226 (DDAH1 Antibody) at dilution 1/55 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA371226 (DDAH1 Antibody) at dilution 1/55, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA371226 (DDAH1 Antibody) at dilution 1/55 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA371226 (DDAH1 Antibody) at dilution 1/55, treated with synthetic peptide. (Original magnification: $\times 200$)