

DDAH1 Antibody

Catalog No: #37368

Package Size: #37368 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

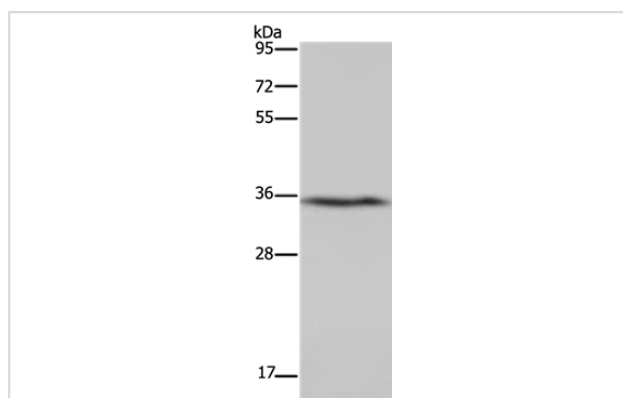
Product Name	DDAH1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total DDAH1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human dimethylarginine dimethylaminohydrolase 1
Conjugates	Unconjugated
Target Name	DDAH1
Other Names	DDAH; HEL-S-16
Accession No.	Swiss-Prot#: O94760NCBI Gene ID: 23576Gene Accssion: NP_036269/O94760
SDS-PAGE MW	31kd
Concentration	3.1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:200

Images



Gel: 10%SDS-PAGE

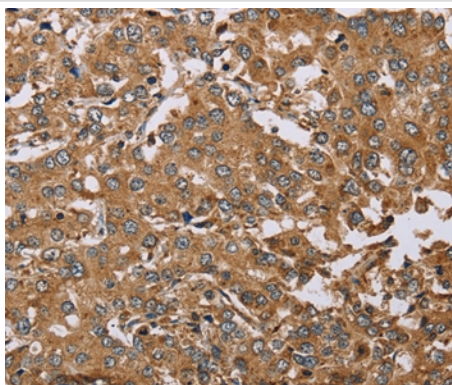
Lysates (from left to right): Human fetal liver tissue

Amount of lysate: 40ug per lane

Primary antibody: 1/400 dilution

Secondary antibody dilution: 1/8000

Exposure time: 30 seconds



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #37368 at dilution 1/50.

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.

Published Papers

el at., DDAH1 Protects against Acetaminophen-Induced Liver Hepatotoxicity in Mice . In Antioxidants (Basel) on 2022 Apr 29 by Xiyue Shen, Saddam Muhammad Ishaq, et al..PMID:35624743, , (2022)

[PMID:35624743](#)

el at., DDAH1 Protects against Cardiotoxin-Induced Muscle Injury and Regeneration In Antioxidants (Basel)On2023 Sep 13byFei Feng , Bingqing Cui et al..PMID:37760057, , (2023)

[PMID:37760057](#)

el at., Aerobic Exercise Protects against Cardiotoxin-Induced Skeletal Muscle Injury in a DDAH1-Dependent Manner. In Antioxidants (Basel) on 2024 Sep 1 by Fei Feng, Kai Luo, et al..PMID:39334728, , (2024)

[PMID:39334728](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.