Product Datasheet

DDAH1 Antibody

Catalog No: #37368

Package Size: #37368-1 50ul #37368-2 100ul

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

Description

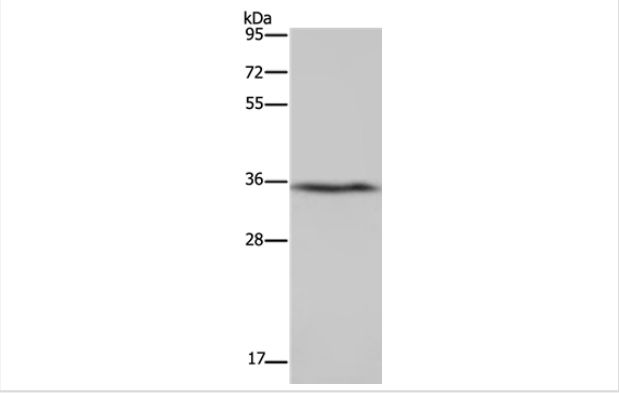
Product Name	DDAH1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous levels of total DDAH1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide 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 pH7.3 PBS, 0.05% NaN3, 50% Glycerol.
Storage	Store at -20°C

Application Details

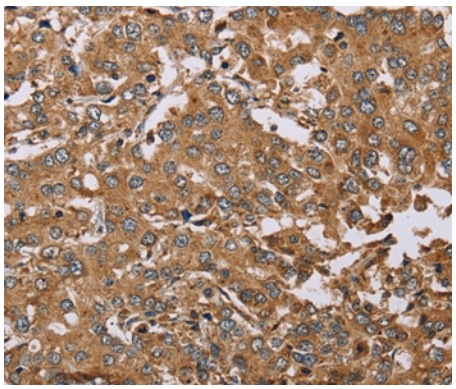
Western blotting: 1:200-1:1000

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 Hepatoxicity 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.