

Anti-ASS1 Rabbit Monoclonal Antibody

Catalog # ABO15786

Specification

Anti-ASS1 Rabbit Monoclonal Antibody - Product Information

Application WB, IHC, IF, ICC, IP, FC

Primary Accession
Host
Rabbit
Isotype
IgG

Reactivity Rat, Human, Mouse

Clonality Monoclonal Format Liquid

Description

Anti-ASS1 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Anti-ASS1 Rabbit Monoclonal Antibody - Additional Information

Gene ID 445

Other Names

Argininosuccinate synthase, 6.3.4.5, Citrulline--aspartate ligase, ASS1 (HGNC:758)

Calculated MW

47 kDa KDa

Application Details

WB 1:500-1:2000
IHC 1:50-1:200
ICC/IF 1:50-1:200
IP 1:50
br>FC 1:500

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human ASS1

Purification

Affinity-chromatography

Storage Store at -20°C for one year. For short term

storage and frequent use, store at 4°C for

up to one month. Avoid repeated

freeze-thaw cycles.

Anti-ASS1 Rabbit Monoclonal Antibody - Protein Information





Name ASS1 (HGNC:758)

Function

One of the enzymes of the urea cycle, the metabolic pathway transforming neurotoxic amonia produced by protein catabolism into inocuous urea in the liver of ureotelic animals. Catalyzes the formation of arginosuccinate from aspartate, citrulline and ATP and together with ASL it is responsible for the biosynthesis of arginine in most body tissues.

Cellular Location Cytoplasm, cytosol

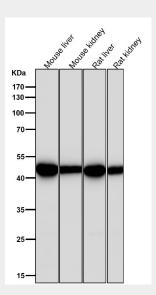
Tissue Location Expressed in adult liver.

Anti-ASS1 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

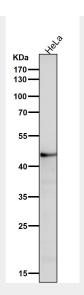
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-ASS1 Rabbit Monoclonal Antibody - Images

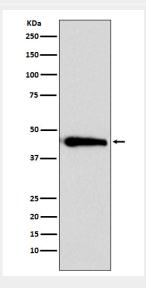


All lanes use the Antibody at 1:1W dilution for 1 hour at room temperature.





All lanes use the Antibody at 1:1W dilution for 1 hour at room temperature.



Western blot analysis of ASS1 expression in HeLa cell lysate.