

ASS1 Polyclonal Antibody

Catalog Number:E-AB-52452



Note: Centrifuge before opening to ensure complete recovery of vial contents.

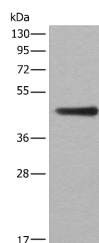
Description

Reactivity	Human, Mouse, Rat
Immunogen	Fusion protein of human ASS1
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4

Applications Recommended Dilution

WB	1:500-1:2000
ELISA	1:5000-1:10000

Data



Western blot analysis of A431 cell lysate using ASS1 Polyclonal Antibody at dilution of 1:300

Observed Mw:Refer to figures

Calculated Mw:47 kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

ASS1 is a rate-limiting enzyme in the urea cycle. Citrullinemia type I is an autosomal recessive disorder that is caused by a deficiency of the urea cycle enzyme argininosuccinate synthetase (ASS1). Deficiency of ASS1 shows various clinical manifestations encompassing severely affected patients with fatal neonatal hyperammonemia as well as asymptomatic individuals with only a biochemical phenotype.

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