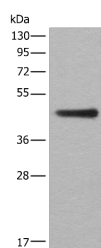


ASS1 Polyclonal Antibody

Catalog No.	E-AB-52452	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,ELISA	Isotype	IgG

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

Images



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

Immunogen Information

Immunogen	Fusion protein of human ASS1
Gene Accession	BC021676
Swissprot	P00966
Synonyms	Argininosuccinate synthase 1,ASS,Ass-1,ass1,ASSA,ASSY,Citrulline aspartate ligase,Citrulline--aspartate ligase,CTLN1

Product Information

Calculated MW	47 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, ELISA 1:5000-1:10000

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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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-
 Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-
 Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.