ASS1 Polyclonal Antibody

catalog number: E-AB-18521

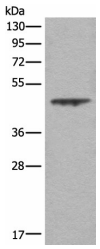
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Fusion protein of human ASS1
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:25-1:100

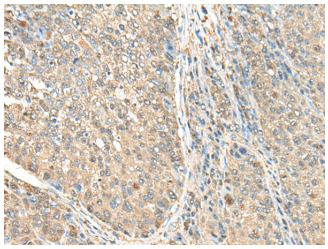
Data



Western blot analysis of A431 cell lysate using ASS1 Polyclonal Antibody at dilution of 1:350

Observed-MV:Refer to figures

Calculated-MV:47 kDa



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using ASS1 Polyclonal Antibody at dilution of 1:35(×200)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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.