

ASS1

Reactivity:Human Mouse Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW:47kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human ASS1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

ASS; CTLN1;

Catalog #:A2012

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:445

Isotype:IgG

Swiss Prot:P00966

Purity:Affinity purification

For research use only.

Background:

The protein encoded by this gene catalyzes the penultimate step of the arginine biosynthetic pathway. There are approximately 10 to 14 copies of this gene including the pseudogenes scattered across the human genome, among which the one located on chromosome 9 appears to be the only functional gene for argininosuccinate synthetase. Mutations in the chromosome 9 copy of this gene cause citrullinemia. Two transcript variants encoding the same protein have been found for this gene.

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