

Anti-AdSS 2 Rabbit Monoclonal Antibody

Catalog # ABO16421

Product Information

Application	WB, IF, ICC, FC
Primary Accession	P30520
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-AdSS 2 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

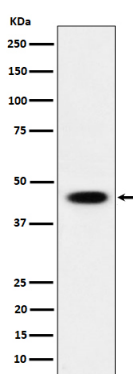
Additional Information

Gene ID	159
Other Names	Adenylosuccinate synthetase isozyme 2 {ECO:0000255 HAMAP-Rule:MF_03127}, AMPSase 2 {ECO:0000255 HAMAP-Rule:MF_03127}, AdSS 2 {ECO:0000255 HAMAP-Rule:MF_03127}, 6.3.4.4 {ECO:0000255 HAMAP-Rule:MF_03127}, Adenylosuccinate synthetase, acidic isozyme {ECO:0000255 HAMAP-Rule:MF_03127}, Adenylosuccinate synthetase, liver isozyme {ECO:0000255 HAMAP-Rule:MF_03127}, L-type adenylosuccinate synthetase {ECO:0000255 HAMAP-Rule:MF_03127}, IMP--aspartate ligase 2 {ECO:0000255 HAMAP-Rule:MF_03127}, ADSS2 (HGNC:292)
Calculated MW	50097
Application Details	WB 1:500-1:2000 ICC/IF 1:50-1:200 FC 1:50
Source	Eukaryota
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.
Clone Names	Clone: 29A57
Immunogen	A synthesized peptide derived from human AdSS 2
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.

Protein Information

Name	ADSS2 (HGNC:292)
Function	Plays an important role in the de novo pathway and in the salvage pathway of purine nucleotide biosynthesis. Catalyzes the first committed step in the biosynthesis of AMP from IMP.
Cellular Location	Cytoplasm {ECO:0000255 HAMAP-Rule:MF_03127}. Mitochondrion {ECO:0000250 UniProtKB:A4Z6H1}. Note=Partially associated with particulate fractions

Images



Western blot analysis of AdSS 2 expression in 293 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.