10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

KD-Validated Anti-AdSS 2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI1122

Product Information

Application	WB, FC, ICC
Primary Accession	P30520
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB630
Calculated MW	50097
Gene Name	ADSS2
Aliases	ADSS2; Adenylosuccinate Synthase 2; ADSS; Adenylosuccinate Synthetase, Acidic Isozyme; Adenylosuccinate Synthetase, Liver Isozyme; Adenylosuccinate Synthetase Isozyme 2; L-Type Adenylosuccinate Synthetase; IMP--Aspartate Ligase 2; EC 6.3.4.4; AMPSase 2; Adenylosuccinate Synthetase (Ade(-)H-Complementing); Epididymis Secretory Sperm Binding Protein; Adenylosuccinate Synthase; ADSS 2; AdSS 2; ADEH
Immunogen	A synthesized peptide derived from human ADSS2

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)

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

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