



Anti-ADSS (aa 379-452) polyclonal antibody (DPABH-20129)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	antigen sequence: KLDGEIIPHI PANQEVLNKV EVQYKTLPGW NTDISNARAF KELPVNAQNY VRFIEDELQI PVKWIGVGKS RESM, corresponding to amino acids 379-452 of Human AdSS 2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P, WB, ICC/IF
Format	Liquid
Size	100 µl
Buffer	pH: 7.20; Constituents: 59% PBS, 40% Glycerol
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	ADSS adenylosuccinate synthase [Homo sapiens]
Official Symbol	ADSS
Synonyms	ADSS; adenylosuccinate synthase; ADEH; ADSS 2; adenylosuccinate synthetase isozyme 2; AMPSase 2; IMP--aspartate ligase 2; L-type adenylosuccinate synthetase; adenylosuccinate synthetase, liver isozyme; adenylosuccinate synthetase, acidic isozyme; adenylosuccinate synthetase (Ade(-)H-complementing);
Entrez Gene ID	159
Protein Refseq	NP_001117.2
UniProt ID	A0A024R5Q7
Pathway	Adenine ribonucleotide biosynthesis, IMP => ADP,ATP; Alanine, aspartate and glutamate metabolism; Metabolism; Nucleotide Metabolism
Function	GTP binding; adenylosuccinate synthase activity; adenylosuccinate synthetase activity; magnesium ion binding
