



# 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

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

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ADSS adenylosuccinate synthase [ Homo sapiens ]</a>
<b>Official Symbol</b>	ADSS
<b>Synonyms</b>	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);
<b>Entrez Gene ID</b>	<a href="#">159</a>
<b>Protein Refseq</b>	<a href="#">NP_001117.2</a>
<b>UniProt ID</b>	<a href="#">A0A024R5Q7</a>
<b>Pathway</b>	Adenine ribonucleotide biosynthesis, IMP => ADP,ATP; Alanine, aspartate and glutamate metabolism; Metabolism; Nucleotide Metabolism
<b>Function</b>	GTP binding; adenylosuccinate synthase activity; adenylosuccinate synthase activity; magnesium ion binding