

For Research Use Only

ADSL Recombinant antibody, PBS Only

Catalog Number: 86131-1-PBS



Basic Information

Catalog Number: 86131-1-PBS	GenBank Accession Number: BC000253	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 158	CloneNo.: 250216C6
Source: Rabbit	UNIPROT ID: P30566	
Isotype: IgG	Full Name: adenylosuccinate lyase	
Immunogen Catalog Number: AG7332	Calculated MW: 55 kDa	
	Observed MW: 55 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Adenylosuccinate lyase (ADSL) is an essential enzyme for de novo purine biosynthesis and the purine nucleotide cycle, where it plays a key role in the regulation of adenosine monophosphate levels in the cells. Given its crucial role in both cellular replication and metabolism, it is not surprising that ADSL has been found dysregulated in several malignancies, including breast and endometrial cancers as well as glioma. (PMID: 33754045)

Storage

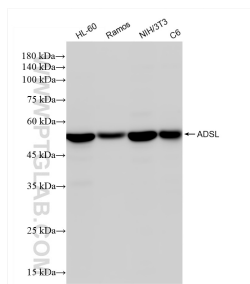
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86131-1-RR (ADSL antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86131-1-PBS in a different storage buffer formulation.