

Datasheet for ABIN629749

anti-ASL antibody (Middle Region)





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Quantity:	100 μg	
Target:	ASL	
Binding Specificity:	Middle Region	
Reactivity:	Human, Mouse, Rat, Dog	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ASL antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	ASL antibody was raised using the middle region of ASL corresponding to a region with amino	
	acids LILYCTKEFSFVQLSDAYSTGSSLMPQKKNPDSLELIRSKAGRVFGREDK	
Specificity:	ASL antibody was raised against the middle region of ASL	
Purification:	Purified	
Target Details		
Target:	ASL	
Alternative Name:	ASL (ASL Products)	
Background:	ASL is a member of the lyase 1 family. The protein forms a cytosolic homotetramer and	
	primarily catalyzes the reversible hydrolytic cleavage of argininosuccinate into arginine and	
	fumarate, an essential step in the liver in detoxifying ammonia via the urea cycle. Mutations in	

Target Details

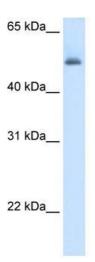
	its gene result in the autosomal recessive disorder argininosuccinic aciduria, or argininosuccinic acid lyase deficiency.
Molecular Weight:	49 kDa (MW of target protein)
Pathways:	Response to Growth Hormone Stimulus

Application Details

Application Notes:	WB: 5 µg/mL	
	Optimal conditions should be determined by the investigator.	
Comment:	ASL Blocking Peptide, catalog no. 33R-5053, is also available for use as a blocking control in assays to test for specificity of this ASL antibody	
Restrictions:	For Research Use only	

Handling

Format:	Lyophilized	
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of ASL antibody in PBS	
Concentration:	Lot specific	
Buffer:	PBS	
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.	
Storage:	4 °C/-20 °C	
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.	



Western Blotting

Image 1. ASL antibody used at 5 ug/ml to detect target protein.