

For Research Use Only

# ACAD8 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86742-2-PBS



## Basic Information

<b>Catalog Number:</b> 86742-2-PBS	<b>GenBank Accession Number:</b> BC001964	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 27034	<b>CloneNo.:</b> 251392B4
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q9UKU7	
<b>Immunogen Catalog Number:</b> AG9967	<b>Full Name:</b> acyl-Coenzyme A dehydrogenase family, member 8	
	<b>Calculated MW:</b> 45 kDa	
	<b>Observed MW:</b> 45-50 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human

## Background Information

The acyl-CoA dehydrogenases (ACAD) (EC 1.3.99) are a family of nuclear-encoded mitochondrial enzymes involved in the metabolism of fatty acids and branched chain amino acids (PMID: 13295225). The eighth member of this family, ACAD8, catalyzes the conversion of isobutyryl-CoA to methacrylyl-CoA in valine catabolism (PMID: 12359132).

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

For technical support and original validation data for this product please contact:

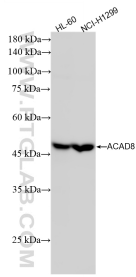
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86742-2-RR (ACAD8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86742-2-PBS in a different storage buffer formulation.