

For Research Use Only

EHHADH Recombinant monoclonal antibody, PBS Only

Catalog Number: 87579-1-PBS



Basic Information

Catalog Number: 87579-1-PBS	GenBank Accession Number: BC038948	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1962	CloneNo.: 252944F5
Source: Rabbit	UNIPROT ID: Q08426	
Isotype: IgG	Full Name: enoyl-Coenzyme A, hydratase/3-hydroxyacyl Coenzyme A dehydrogenase	
Immunogen Catalog Number: AG24237	Calculated MW: 723 aa, 79 kDa	
	Observed MW: 69 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

EHHADH, as the "bifunctional catalytic center" of peroxisome fatty acid β -oxidation, its expression and activity directly affect energy metabolism, inflammation level and cell fate. Gene defect causes serious neuro-renal tubular lesions, and abnormal expression is closely related to modern chronic diseases such as obesity, diabetes and tumor, which is one of the hot metabolic enzymes concerned by basic research and clinical transformation. It is mainly located in peroxisome, and some activity can be detected in mitochondrial inner membrane, and it is highly expressed in liver, kidney, heart and other organs.

Storage

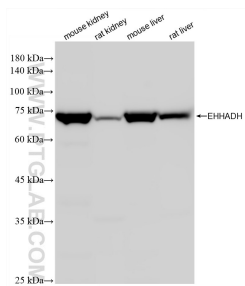
Storage:
Store at -80°C .

Storage Buffer:
PBS only, pH7.3

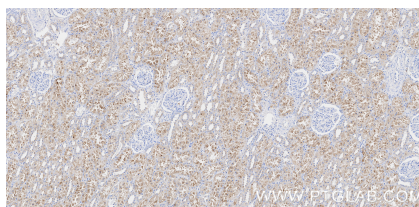
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87579-1-RR (EHHADH antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87579-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 87579-1-RR (EHHADH antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 87579-1-PBS in a different storage buffer formulation.