

For Research Use Only

EHHADH Recombinant monoclonal antibody

Catalog Number: 87579-1-RR



Basic Information

Catalog Number: 87579-1-RR	GenBank Accession Number: BC038948	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 1962	CloneNo.: 252944F5
Isotype: IgG	UNIPROT ID: Q08426	Recommended Dilutions: WB: 1:5000-1:50000 IHC: 1:500-1:2000
Immunogen Catalog Number: AG24237	Full Name: enoyl-Coenzyme A, hydratase/3-hydroxyacyl Coenzyme A dehydrogenase	
	Calculated MW: 723 aa, 79 kDa	
	Observed MW: 69 kDa	

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: mouse kidney tissue, rat kidney tissue, mouse liver tissue, rat liver tissue

IHC: human kidney tissue,

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 -20°C . Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

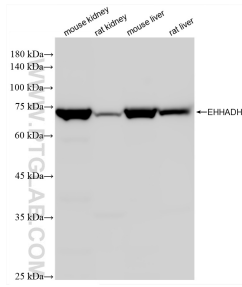
T: 4006900926

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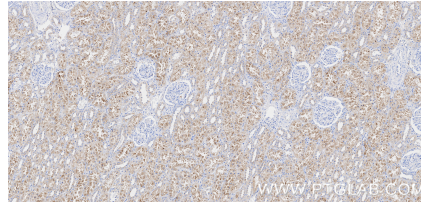
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Selected Validation Data



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.



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).