

For Research Use Only

CA5B Recombinant monoclonal antibody

Catalog Number:86996-1-RR



Basic Information

Catalog Number: 86996-1-RR	GenBank Accession Number: BC028142	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 11238	CloneNo.: 251915F10
Isotype: IgG	UNIPROT ID: Q9Y2D0	Recommended Dilutions: WB: 1:2000-1:10000
Immunogen Catalog Number: AG4166	Full Name: carbonic anhydrase VB, mitochondrial	
	Calculated MW: 317 aa, 36 kDa	
	Observed MW: 32-35 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : mouse kidney tissue, rat kidney tissue, mouse testis tissue, human testis tissue

Background Information

CA5B(Carbonic anhydrase 5B, mitochondrial) is also named as CA-VB and belongs to the alpha-carbonic anhydrase family.CA5B encodes a 317-amino acid protein that has 64% sequence similarity with CA5 (114761), a mitochondrial CA, and contains a 33-amino-acid residue signal sequence. Western blot analysis revealed a 36-kD protein precursor and a 32-kD mature protein (PMID:10409679).

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:

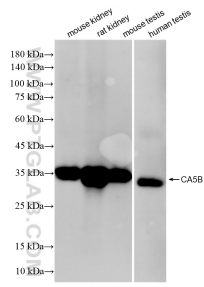
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86996-1-RR (CA5B antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.