

CA5B Polyclonal Antibody

Catalog number: 13342-1-AP

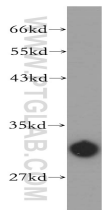
Size: 22 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

CA5B; CA VB, CA5B, Carbonate dehydratase VB, Carbonic anhydrase VB



mouse testis tissue were subjected to SDS PAGE followed by western blot with 13342-1-AP(CA5B antibody) at dilution of 1:500

Background

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).

Applications

Tested applications:	ELISA, WB
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated CA5B MW:	317aa,36kd
Observed CA5B MW:	32kd
Positive WB detected in	Mouse testis tissue
Recommended dilution:	WB: 1:500-1:5000

Application key: WB = Western blotting, IHC= Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag4166
GenBank accession number:	BC028142
Gene ID (NCBI):	11238
Full name:	Carbonic anhydrase VB, mitochondrial

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.