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CA VB Polyclonal Antibody

Catalog # AP68760

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q9Y2D0
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36434

Additional Information

Gene ID	11238
Other Names	CA5B; Carbonic anhydrase 5B; mitochondrial; Carbonate dehydratase VB; Carbonic anhydrase VB; CA-VB
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications. IHC-P~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

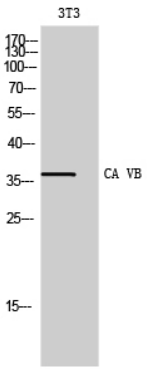
Protein Information

Name	CA5B
Function	Mitochondrial carbonic anhydrase that catalyzes the reversible conversion of carbon dioxide to bicarbonate/HCO3.
Cellular Location	Mitochondrion.
Tissue Location	Strongest expression in heart, pancreas, kidney, placenta, lung, and skeletal muscle. Not expressed in liver

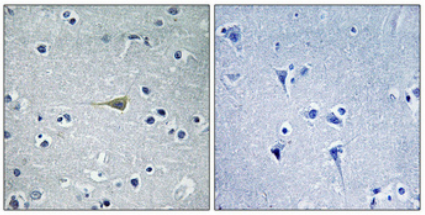
Background

Reversible hydration of carbon dioxide.

Images



Western Blot analysis of 3T3 cells using CA VB Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4°,overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.