



CA VIII Monoclonal Antibody

Catalog No	YP-mAb-02516
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CA8
Immunogen	Synthesized peptide derived from the Internal region of human CA VIII.
Specificity	CA VIII Monoclonal Antibody detects endogenous levels of CA VIII protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	carbonic anhydrase VIII;CA 8;CA VIII;CALS;Carbonic anhydrase-related protein; CA8;CARP;CA-VIII
Observed Band	
Calculated Molecular Weight	
Cell Pathway	cytoplasm,
Tissue Specificity	
Function	function:Does not have a carbonic anhydrase catalytic activity.,similarity:Belongs to the alpha-carbonic anhydrase family.,
Background	The protein encoded by this gene was initially named CA-related protein because of sequence similarity to other known carbonic anhydrase genes. However, the gene product lacks carbonic anhydrase activity (i.e., the reversible hydration of carbon dioxide). The gene product continues to carry a carbonic anhydrase designation based on clear sequence identity to other members of the carbonic anhydrase gene family. The absence of CA8 gene transcription in the cerebellum of the lurcher mutant in mice with a neurologic defect suggests an important role for this acatalytic form. Mutations in this gene are associated with cerebellar ataxia, mental retardation, and dysequilibrium syndrome 3



(CMARQ3). Polymorphisms in this gene are associated with osteoporosis, and overexpression of this gene in osteosarcoma cells suggests an oncogenic role. Alternative splicing results in multiple transcript variants. [provid

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images