

CA VIII Rabbit Polyclonal Antibody

Catalog# UZ-PA01973

Product information

产品货号	UZ-PA01973
别名	CA8; CALS; Carbonic anhydrase-related protein; CARP; Carbonic anhydrase VIII; CA-VIII
产品名称	CA VIII Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	CA8
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N
Human Gene ID	767
Human Swissprot No.	P35219
免疫原	Synthesized peptide derived from the Internal region of human CA VIII.
稀释度	IHC-P 100-300.WB 1:500-1:2000, ELISA 1:40000, IF-P/IF-F/IF-ICC 1:50-200
参考分子量	33kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	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 catalytic 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. [provided by RefSeq, May 2014]
细胞定位	cytoplasm,
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal