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Anti-Carbonic Anhydrase 14 Antibody

Catalog # AP59820

Product Information

Application	WB
Primary Accession	Q9ULX7
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37668

Additional Information

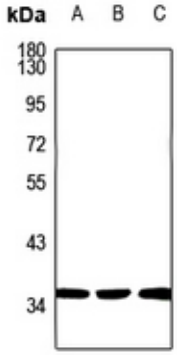
Gene ID	23632
Other Names	Carbonic anhydrase 14; Carbonate dehydratase XIV; Carbonic anhydrase XIV; CA-XIV
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Carbonic Anhydrase 14. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IP (1/10 - 1/100)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	CA14
Function	Reversible hydration of carbon dioxide.
Cellular Location	Membrane; Single-pass type I membrane protein
Tissue Location	High expression in all parts of the central nervous system and lower expression in adult liver, heart, small intestine, colon, kidney, urinary bladder and skeletal muscle

Images

Western blot analysis of Carbonic Anhydrase 14 expression in CT26 (A), PC12 (B), MCF7 (C) whole cell



lysates. (Predicted band size: 37 kD; Observed band size: 37 kD)

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