

Anti-CA III Rabbit pAb



WL01595

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-CA III Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
Cellular localization	Secreted and Cell membrane	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background Carbonic anhydrase III (CAIII) is a member of a multigene family (at least six separate genes are known) that encodes carbonic anhydrase isozymes. These carbonic anhydrases are a class of metalloenzymes that catalyze the reversible hydration of carbon dioxide. They are differentially expressed in a number of cell types. The expression of the CA3 gene is strictly tissue specific and present at high levels in skeletal muscle and much lower levels in cardiac and smooth muscle.

Immunogen Polyclonal antibody is produced by immunizing animals with a synthetic peptide of CA III.

Purification Polyclonal antibody was purified by immunogen affinity chromatography.

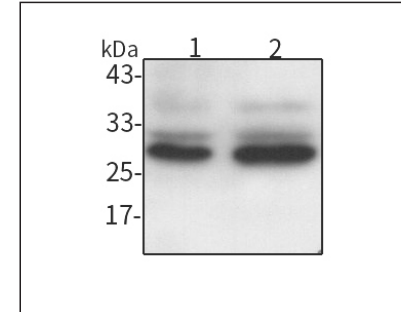
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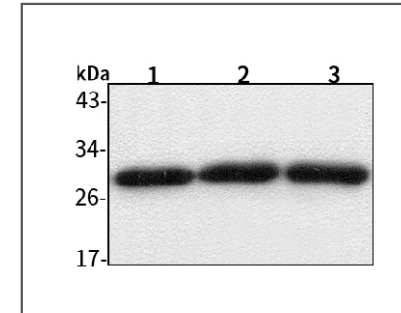
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Product Images



Western blot-Anti-CA III pAb

Lane 1: Human HEK-293 cell lysate
Lane 2: Human HCT-116 cell lysate
All lanes: Anti-CA III at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 29 kDa
Observed band size: 29 kDa



Western blot-Anti-CA III pAb

Lane 1: Mouse kidney tissue lysate
Lane 2: Mouse skin tissue lysate
Lane 3: Rat skeletal muscle tissue lysate
All lanes: Anti-CA III at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 29 kDa
Observed band size: 29 kDa