

Carbonic anhydrase 1 Polyclonal Antibody

Catalog No: #42098

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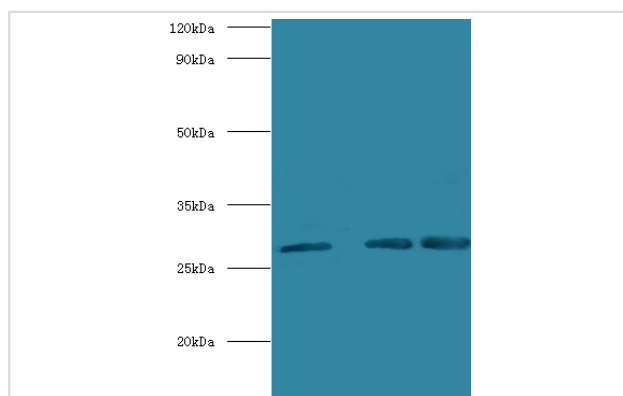
Description

Product Name	Carbonic anhydrase 1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Carbonic anhydrase 1 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Carbonic anhydrase 1 protein
Target Name	Carbonic anhydrase 1
Other Names	Carbonate dehydratase I, Carbonic anhydrase B, CAB, Carbonic anhydrase I, CA-I, CA1
Accession No.	Swiss-Prot#: P00915
Uniprot	P00915
GeneID	759;
Calculated MW	28kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: □1:500 - 1:1000

Images



All lanes: Carbonic anhydrase 1 antibody at 2ug/ml
 lane 1:K562 whole cell lysate
 lane 2:jurkat whole cell lysate
 lane 3:mouse liver tissue
 Secondary
 Goat polyclonal to Rabbit IgG at 1/15000 dilution
 Predicted band size:28kda
 Observed band size:28kda

Background

Reversible hydration of carbon dioxide. Can hydrates cyanamide to urea.

References

[1]"Structural analysis of charge discrimination in the binding of inhibitors to human carbonic anhydrases I and II."Srivastava D.K., Jude K.M., Banerjee A.L., Haldar M., Manokaran S., Kooren J., Mallik S., Christianson D.W.J. Am. Chem. Soc. 1

Note: This product is for in vitro research use only