

# Product Datasheet

## Carbonic Anhydrase IV/CA4 Antibody H00000762-B02P

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00000762-B02P****Carbonic Anhydrase IV/CA4 Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.05 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.4)

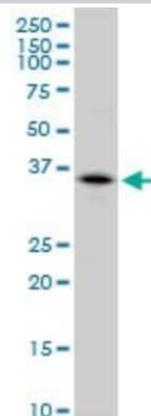
<b>Product Description</b>	
<b>Description</b>	Quality control test: Antibody reactive against mammalian transfected lysate.
<b>Host</b>	Mouse
<b>Gene ID</b>	762
<b>Gene Symbol</b>	CA4
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	CA4 - carbonic anhydrase IV,
<b>Immunogen</b>	CA4 (NP_000708.1, 1 a.a. - 312 a.a.) full-length human protein. MRMLLALLALSAARPSASAESHWCYEVQAESSNYPCLVPVKWGGNCQKDRQ SPINIVTTKAKVDKKLGRFFFSGYDKKQTWTVQNNGHSVMMLENKASISGGG LPAPYQAKQLHLHWSLDLPYKGSEHSLDGEHFAMEMHIVHEKEKGTSRNVKEA QDPEDEIAVLAFLVEAGTQVNEGFQPLVEALSNIPKPEMSTTMAESSLLDLLPK EEKLRHYFRYLGSLTTPTCDEKVVWTVFREPIQLHREQILAFSOKLYYDKEQTV SMKDNVRPLQQLGQRTVIKSGAPGRPLPWALPALLGPMLACLLAGFLR
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot
<b>Recommended Dilutions</b>	Western Blot
<b>Application Notes</b>	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control.

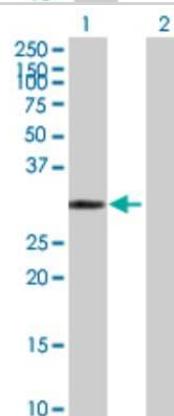


## Images

Western Blot: Carbonic Anhydrase IV/CA4 Antibody [H00000762-B02P]  
- Analysis of CA4 expression in A-431.



Western Blot: Carbonic Anhydrase IV/CA4 Antibody [H00000762-B02P]  
- Analysis of CA4 expression in transfected 293T cell line by CA4 polyclonal antibody. Lane 1: CA4 transfected lysate(34.32 KDa). Lane 2: Non-transfected lysate.



## Publications

McGinley C, Bishop DJ. Rest interval duration does not influence adaptations in acid/base transport proteins following 10 weeks of sprint-interval training in active women. *Am J Physiol Regul Integr Comp Physiol* 2017-02-01 [PMID: 28148492]



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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