

# Product Datasheet

## Carbonic Anhydrase XIV/CA14 Antibody H00023632-B01P

Unit Size: 0.05 mg

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

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**H00023632-B01P****Carbonic Anhydrase XIV/CA14 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)

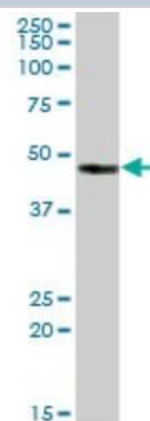
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	23632
<b>Gene Symbol</b>	CA14
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	CA14 - carbonic anhydrase XIV,
<b>Immunogen</b>	CA14 (NP_036245.1, 1 a.a. - 337 a.a.) full-length human protein. MLFSALLLEVIWILAADGGQHWTYEGPHGQDHPASYPECGNNAQSPIDIQTD SVTFDPDLPALQPHGYDQPGTEPLDLHNNGHTVQLSLPSTLYLGGLPRKYVAA QLHLHWGQKGSPPGGSEHQINSEATFAELHIVHYDSDSYDSLSEAAERPQGLAV LGILIEVGETKNIAYEHILSHLHEVRHKDQKTSVPPFNLRELLPKQLGQYFRYNG SLTTPPCYQSVLWTVFYRRSQISMEQLEKLQGTLFSTEEEPSKLLVQNYRALQ PLNQRMVFASFIQAGSSYTTGEMLSLGVGILVGCLCLLLAVYFIARKIRKKRLN RKSVVFTSAQATTEA
<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 1:500
<b>Application Notes</b>	Antibody reactive against Recombinant Protein with GST tag on ELISA and Western Blot and also on transfected lysate in western blot. GST tag alone is used as a negative control.

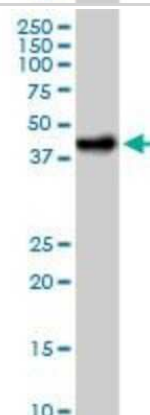


## Images

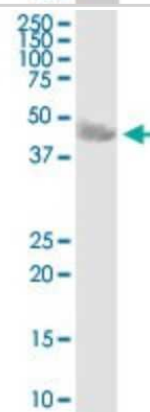
Western Blot: Carbonic Anhydrase XIV/CA14 Antibody [H00023632-B01P] - Analysis of CA14 expression in human liver.



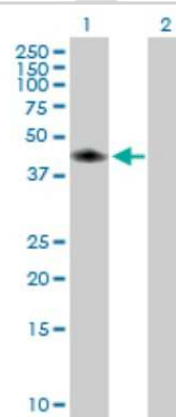
Western Blot: Carbonic Anhydrase XIV/CA14 Antibody [H00023632-B01P] - CA14 MaxPab polyclonal antibody. Western Blot analysis of CA14 expression in HepG2.



Western Blot: Carbonic Anhydrase XIV/CA14 Antibody [H00023632-B01P] - Analysis of CA14 expression in K-562.



Western Blot: Carbonic Anhydrase XIV/CA14 Antibody [H00023632-B01P] - Analysis of CA14 expression in transfected 293T cell line by CA14 polyclonal antibody. Lane 1: CA14 transfected lysate(37.07 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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