



Datasheet for ABIN761336
anti-CA12 antibody (AA 241-340)



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2 Images

Overview

Quantity:	100 µL
Target:	CA12
Binding Specificity:	AA 241-340
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CA12 antibody is un-conjugated
Application:	ELISA, Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CA12
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Pig
Purification:	Purified by Protein A.

Target Details

Target:	CA12
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Target Details

Alternative Name: Ca12 ([CA12 Products](#))

Background: Synonyms: CA 12, CA XII, Carbonate dehydratase XII, Carbonic anhydrase 12, Carbonic anhydrase XII, Carbonic dehydratase, CAXII, Tumor antigen HOM RCC 3.1.3.
Background: CA12 (Carbonic anhydrase XII) is a zinc metalloenzyme that catalyzes the reversible hydration of carbon dioxide.

Gene ID: 771

UniProt: [O43570](#)

Application Details

Application Notes: ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
ICC 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

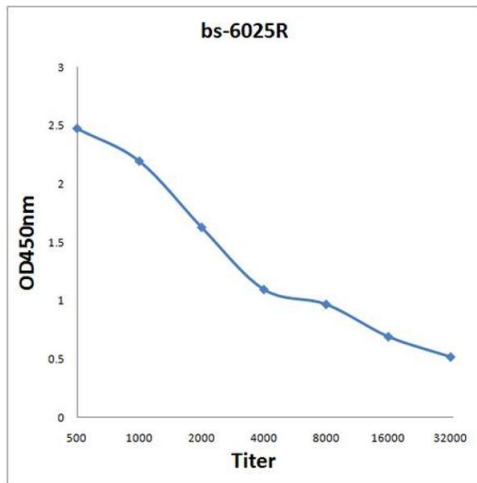
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C, -20 °C

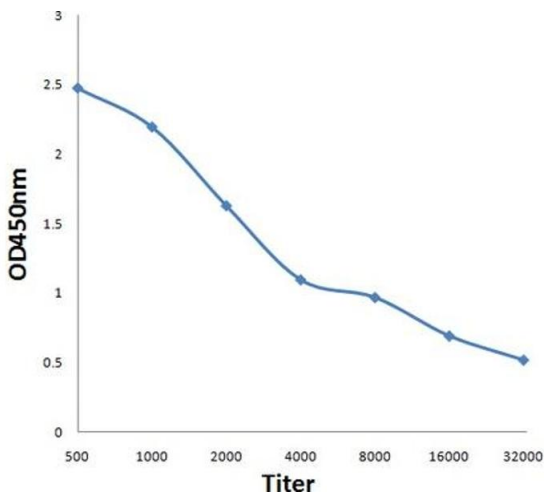
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



ELISA

Image 1. Antigen: 0.2 µg/100 µL Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000; Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1: 5000; TMB staining; Read the data in MicroplateReader by 450



ELISA

Image 2. Antigen: 0.2ug/100ul, Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000, Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1: 5000, TMB staining, Read the data in MicroplateReader by 450nm