

**PAA782Rb51**

**Polyclonal Antibody to Carbonic Anhydrase II (CA2)**

**Organism Species: *Oryctolagus cuniculus* (Rabbit)**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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13th Edition (Revised in Aug, 2023)

**[ PROPERTIES ]**

**Source:** Polyclonal antibody preparation

**Host:** Guinea pig

**Purification:** Antigen-specific affinity chromatography followed by Protein A affinity chromatography

**Traits:** Liquid

**Concentration:** 0.46mg/ml

**UOM:** 50µl

**Cross Reactivity:** Human

**Applications:** WB; IHC; ICC; IP.

**[ IMMUNOGEN ]**

**Immunogen:** Native CA2

**Accession No.:** NPA782Rb01

**[ APPLICATIONS ]**

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunocytochemistry: 5-20µg/mL;

Optimal working dilutions must be determined by end user.

**[ FORMULATION ]**

**Form & Buffer:** Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

**[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

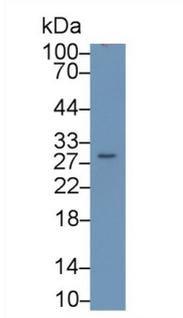
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

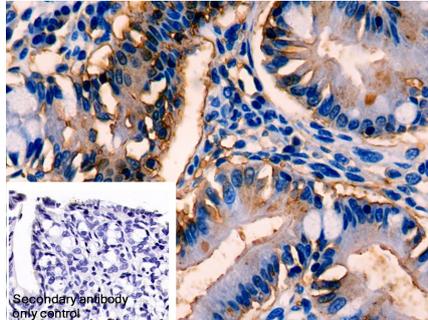
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

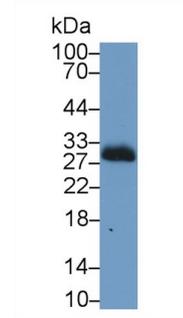
**[ IDENTIFICATION ]**



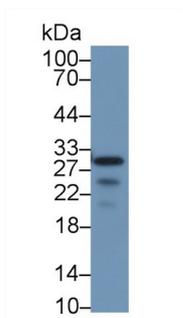
Western Blot; Sample: Human 293T cell lysate; Primary Ab: 1µg/ml Cavia Anti-Rabbit CA2 Antibody Sec



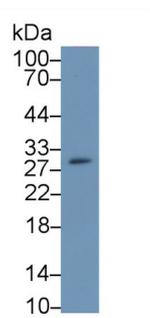
DAB staining on IHC-P; Sample: Rabbit Colon Tissue Primary Ab: 20µg/ml Cavia Anti-Rabbit CA2 Antibody Control: Used PBS instead of primary antibody Second Ab: 2µg/ml HRP-Linked Rabbit Anti-Cavia IgG Polyclonal Antibody (Catalog: SAA544Gu09)



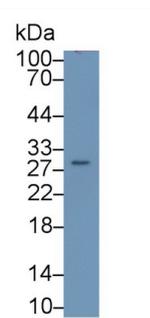
Western Blot; Sample: Rabbit Liver lysate; Primary Ab: 1µg/ml Cavia Anti-Rabbit CA2 Antibody Second Ab: 0.2µg/mL HRP-Linked Rabbit Anti-Cavia IgG Polyclonal Antibody (Catalog: SAA544Gu09)



Western Blot; Sample: Rabbit Spleen lysate; Primary Ab: 1µg/ml Cavia Anti-Rabbit CA2 Antibody Second Ab: 0.2µg/mL HRP-Linked Rabbit Anti-Cavia IgG Polyclonal Antibody (Catalog: SAA544Gu09)



Western Blot; Sample: Rabbit Heart lysate; Primary Ab: 1µg/ml Cavia Anti-Rabbit CA2 Antibody Second Ab: 0.2µg/mL HRP-Linked Rabbit Anti-Cavia IgG Polyclonal Antibody (Catalog: SAA544Gu09)



Western Blot; Sample: Human 293T cell lysate; Primary Ab: 1µg/ml Cavia Anti-Rabbit CA2 Antibody Second Ab: 0.2µg/mL HRP-Linked Rabbit Anti-Cavia IgG Polyclonal Antibody (Catalog: SAA544Gu09)

**[ IMPORTANT NOTE ]**

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.