PAA875Hu71

Biotin-linked Antibody to Carbonic Anhydrase I (CA1)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

[PRODUCT INFORMATION]

Immunogen: CA1, Human
Clonality: Polyclonal
Conjugation: Biotin
Host: Rabbit
Immunoglobulin Type: IgG
Purification: Affinity Chromatography.
Applications: WB, ICC, IHC-P, IHC-F, ELISA
Concentration: 200μg/mL
UOM: 100μg

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant CA1 (Ala2~Phe261) with N-terminal His-Tag expressed in *E.coli.*
Accession No.: RPA875Hu01

[ANTIBODY SPECIFITY]

The antibody is a rabbit polyclonal antibody raised against CA1. It has been selected for its ability to recognize CA1 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:50-400
Immunocytochemistry in formalin fixed cells: 1:50-500
Immunohistochemistry in formalin fixed frozen section: 1:50-500
Immunohistochemistry in paraffin section: 1:10-100
Enzyme-linked Immunosorbent Assay: 1:100-5000
Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN_3, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant CA1 (Ala2~Phe261) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemilumescent (ECL).

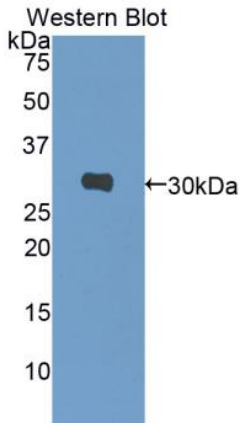
Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN_3 0.02%.

[STORAGE]

Store at 4ºC for frequent use. Stored at -20ºC in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

[IMAGES]



Used in Western Blot, Sample:
Recombinant CA1, Human