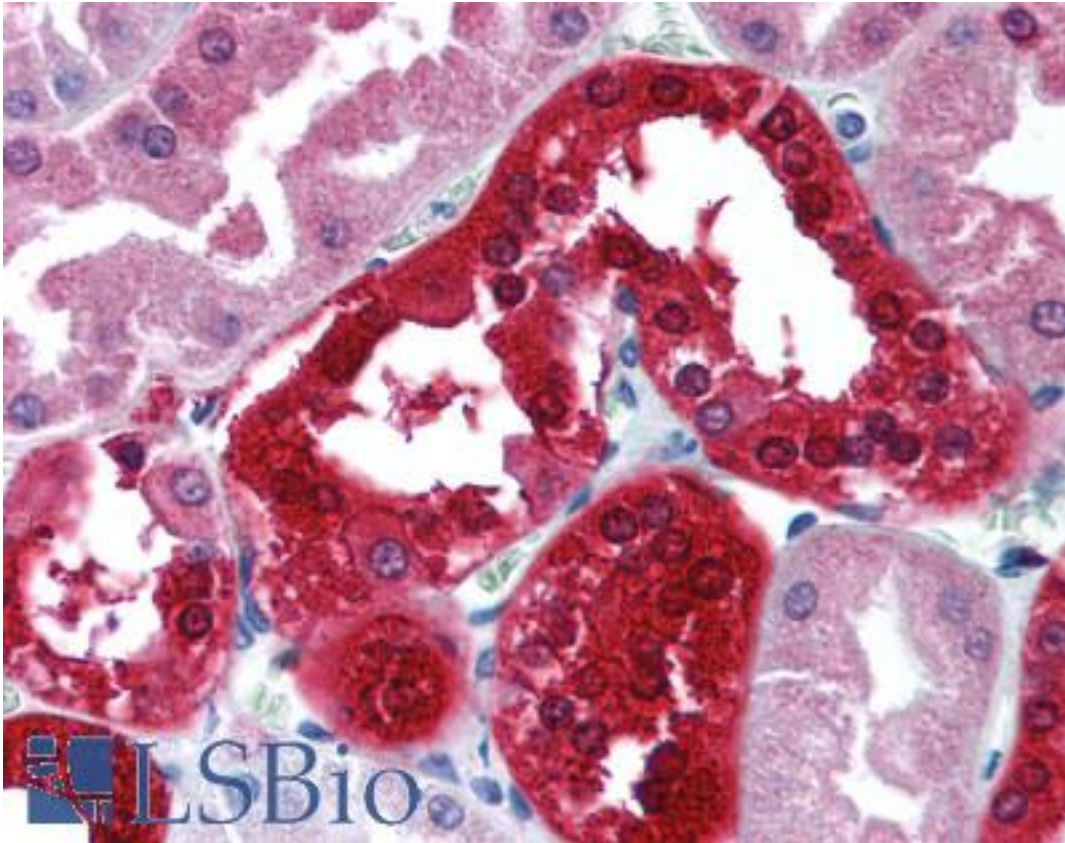


CA2 / Carbonic Anhydrase II Rabbit anti-Human Polyclonal (HRP) Antibody - LS-B2131 - LSBio	
CatalogID:	LS-B2131
Validation:	This antibody replaces catalog number LS-C21219. It has been validated for use in the following assays: IHC-P.
Target:	carbonic anhydrase II (CA2)
Synonyms:	CA2 Antibody, CA-II Antibody, CAII Antibody, CAC Antibody, Car2 Antibody, Carbonate dehydratase II Antibody, Carbonic anhydrase C Antibody, Carbonic anhydrase II Antibody, Carbonic dehydratase Antibody, Carbonic anhydrase 2 Antibody, Carbonic anhydrase B Antibody
Host	CA2 antibody was produced in Rabbit
Clonality:	Polyclonal
Conjugations:	Horseradish Peroxidase (HRP)
Immunogen Species:	CA2 / Carbonic Anhydrase II antibody was raised against Human
Antigen Type:	Purified protein
Immunogen:	CA2 / Carbonic Anhydrase II antibody was raised against carbonic Anhydrase II (Human Erythrocytes).
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti peroxidase, anti rabbit serum, as well as purified and partially purified carbonic anhydrase II (human erythrocytes).
Reactivity:	Human
Purification:	Ion exchange chromatography
Presentation:	PBS, pH 7.2, 0.01% gentamycin sulfate, 10 mg/ml BSA, 40% glycerol.
Recommended Storage:	Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.
Usage Summary:	Immunohistochemistry: LS-B2131 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B2131 was determined to be 5 ug/ml.
Uses:	IHC - Paraffin (5 µg/ml), Western blot, ELISA (1:1000 - 1:6000) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	10 mg/ml

Immunohistochemistry Image:



Anti-Carbonic Anhydrase II antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B2131 concentration 5 ug/ml.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

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