

Anti-CA2 antibody

Cat. No.	ml220344
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-CA2 rabbit polyclonal antibody
Applications	ELISA, WB
Immunogen	Fusion protein of human CA2
Reactivity	Human, Mouse, Rat
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	CA2
Full name	carbonic anhydrase II
Synonyms	CAII, Car2, CA-II
Swissprot	P00918

Target Background

CA2 is one of several (at least 7) isozymes of carbonic anhydrase. Carbonic anhydrase catalyzes reversible hydration of carbon dioxide. Defects in this enzyme are associated with osteopetrosis and renal tubular acidosis. Essential for bone resorption and osteoclast differentiation. By similarity. Reversible hydration of carbon dioxide. Can hydrate cyanamide to urea. Involved in the regulation of fluid secretion into the anterior chamber of the eye.

订购热线: 4008-898-798

Applications

Western blotting

Predicted band size:29 kDa

Positive control:Mouse intestinum tenue and heart tissue

Recommended dilution: 200-1000

Gel: 10+12%SDS-PAGE

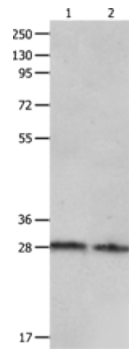
Lysate: 40 µg

Lane 1-2: Mouse intestinum tenue tissue, Mouse heart tissue

Primary antibody: ml220344(CA2 Antibody) at dilution 1/250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



ELISA

Recommended dilution:1000-5000

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