CA7 Polyclonal Antibody

catalog number: **E-AB-52508**

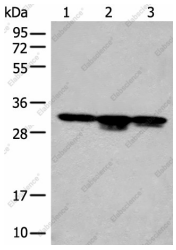
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse
Immunogen	Full length fusion protein
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:40-1:200

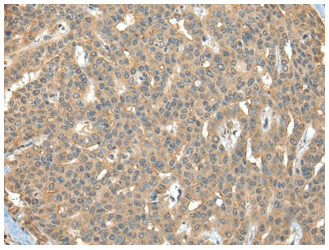
Data



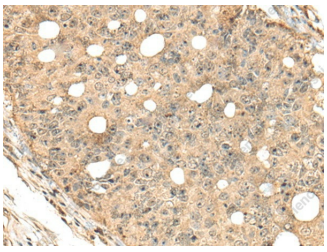
Western blot analysis of RAW264.7 cell Mouse kidney tissue and Mouse heart tissue lysates using CA7 Polyclonal Antibody at dilution of 1:400

Observed-MW:Refer to figures

Calculated-MW:30 kDa



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using CA7 Polyclonal Antibody at dilution of 1:40(×200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using CA7 Polyclonal Antibody at dilution of 1:40(×200)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
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Email: techsupport@elabscience.com

Carbonic anhydrases are a large family of zinc metalloenzymes that catalyze the reversible hydration of carbon dioxide.They participate in a variety of biological processes, including respiration, calcification, acid-base balance, bone resorption, and the formation of aqueous humor, cerebrospinal fluid, saliva, and gastric acid.They show extensive diversity in tissue distribution and in their subcellular localization.The cytosolic protein encoded by this gene is predominantly expressed in the salivary glands.Alternative splicing in the coding region results in multiple transcript variants encoding different isoforms.

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