



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### CA4 DNAXPab

**Catalog Number:** H00000762-W01P

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against a partial-length human CA4 DNA using DNAX™ Immune technology.

**Immunogen:** CA4 (NP\_000708.1, 19 a.a. ~ 284 a.a) partial-length human DNA

**Sequence:**

AESHWCYEVQAESSNYPCLVPVKWGGNCQKDRQSPI  
NIVTTKAKVDKKLGRFFSFGYDKKQTTWTVQNNGHSVM  
MLLENKASISGGGLPAPYQAKQLHLHWSLDLPYKGSEH  
SLDGEHFAMEMHIVHEKEKGTSRNVKEAQDPEDEIAV  
LAFLVEAGTQVNEGFQPLVEALSNIKPEMSTTMAESS  
LLDLLPKEEKLRYFRYLGSLTPTCDEKVVWTVFREP  
IQLHREQILAFSQKLYYDKEQTVSMKDNVRPLQLGQ  
RTVIKS

**Host:** Rabbit

**Technology:** [DNAX™ Immune](#)

**Reactivity:** Human

**Applications:** Flow Cyt-Tr, IF-Ex, IF-Tr, WB-Tr  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Purification:** Protein A

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 762

**Gene Symbol:** CA4

**Gene Alias:** CAIV, Car4, RP17

**Gene Summary:** Carbonic anhydrases (CAs) 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. This gene encodes a glycosylphosphatidyl-inositol-anchored membrane isozyme expressed on the luminal surfaces of pulmonary (and certain other) capillaries and proximal renal tubules. Its exact function is not known; however, it may have a role in inherited renal abnormalities of bicarbonate transport. [provided by RefSeq]