



# 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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## CA3 (Human) Matched Antibody Pair

Catalog # : H00000761-AP11

規格 : [ 1 Set ]

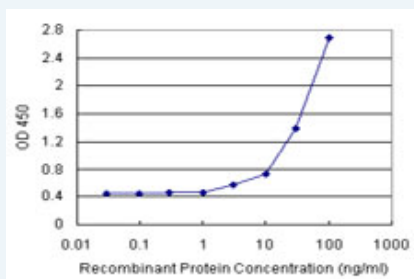
[List All](#)

### Specification

**Product Description:** This antibody pair set comes with matched antibody pair to detect and quantify protein level of human CA3.

**Reactivity:** Human

**Quality Control Testing:** Standard curve using recombinant protein ( H00000761-P01 ) as an analyte.



Sandwich ELISA detection sensitivity ranging from 3 ng/ml to 100 ng/ml.


**Supplied Product:** Antibody pair set content:  
 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-CA3 (100 ug)  
 2. Detection antibody: mouse monoclonal anti-CA3, IgG1 Kappa (20 ug)  
 \*Reagents are sufficient for at least 1-2 x 96 well plates using recommended protocols.

**Storage Instruction:** Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

**MSDS:**  [Download](#)

### Applications

ELISA Pair (Recombinant protein)

 [Protocol Download](#)

### Gene Information

**Entrez GeneID:** [761](#)

**Gene Name:** CA3

**Gene Alias:** CAIII, Car3

**Gene Description:** carbonic anhydrase III, muscle specific

**Omim ID:** [114750](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** Carbonic anhydrase III (CAIII) is a member of a multigene family (at least six separate genes are known) that encodes carbonic anhydrase isozymes. These carbonic anhydrases are a class of metalloenzymes that catalyze the reversible hydration of carbon dioxide and are differentially expressed in a number of cell types. The expression of the CA3 gene is strictly tissue specific and present at high levels in skeletal muscle and much lower levels in cardiac and smooth muscle. A proportion of carriers of Duchenne muscle dystrophy have a higher CA3 level than normal. The gene spans 10.3 kb and contains seven exons and six introns. [provided by RefSeq]

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**Other** carbonic anhydrase III

**Designations:**

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#### **Gene Pathway**

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[Nitrogen metabolism](#)

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