



# 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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## CTH (Human) Matched Antibody Pair

Catalog # : H00001491-AP13

規格 : [ 1 Set ]

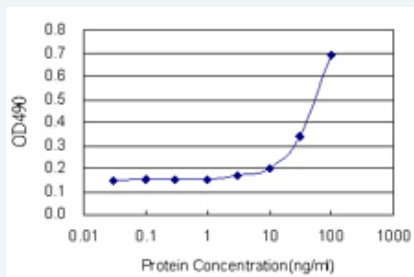
[List All](#)

### Specification

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

**Reactivity:** Human

**Quality Control Testing:** Standard curve using recombinant protein ( H00001491-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-CTH (100 ug)  
 2. Detection antibody: mouse monoclonal anti-CTH, 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:** [1491](#)

**Gene Name:** CTH

**Gene Alias:** MGC9471

**Gene Description:** cystathionase (cystathionine gamma-lyase)

**Omim ID:** [219500](#), [607657](#)

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

**Gene Summary:** This gene encodes a cytoplasmic enzyme in the trans-sulfuration pathway that converts cystathione derived from methionine into cysteine. Glutathione synthesis in the liver is dependent upon the availability of cysteine. Mutations in this gene cause cystathioninuria. Alternative splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq]

**Other Designations:** OTTHUMP00000010945, OTTHUMP00000010946, cystathionase, cysteine desulfhydrase, gamma-cystathionase, homoserine deaminase, homoserine dehydratase

### Gene Pathway

[Cysteine and methionine metabolism](#) [Glycine, serine and threonine metabolism](#)  
[Metabolic pathways](#) [Nitrogen metabolism](#) [Selenoamino acid metabolism](#)

### Related Disease

[Atherosclerosis](#) [Atherosclerosis](#) [Calcinosis](#) [Cardiovascular Diseases](#) [Carotid Stenosis](#)  
[Cleft Lip](#) [Cleft Palate](#) [Coronary Artery Disease](#) [Diabetes Mellitus, Type 2](#) [Edema](#)  
[Genetic Predisposition to Disease](#) [Hypertension](#) [Infertility, Female](#) [Lung Neoplasms](#)  
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