



# 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) IP-WB Antibody Pair

Catalog # : H00001491-PW2

規格 : [ 1 Set ]

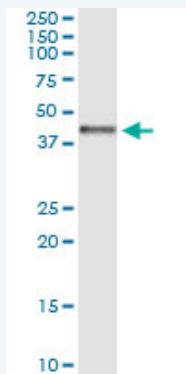
List All

### Specification

**Product Description:** This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.

**Reactivity:** Human

**Quality Control Testing:** Immunoprecipitation-Western Blot (IP-WB)



Immunoprecipitation of CTH transfected lysate using rabbit polyclonal anti-CTH and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-CTH.

**Supplied Product:** Antibody pair set content:  
1. Antibody pair for IP: rabbit polyclonal anti-CTH (300 ul)  
2. Antibody pair for WB: mouse purified polyclonal anti-CTH (50 ug)

**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.

### Applications

Immunoprecipitation-Western Blot

 [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]

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

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### Gene Pathway

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

### Related Disease

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