



# 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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## CBS (Human) IP-WB Antibody Pair

Catalog # : H00000875-PW1

規格 : [ 1 Set ]

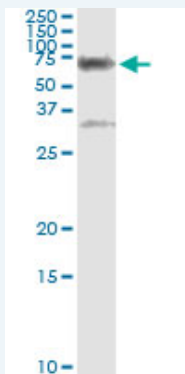
List All

### 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 CBS transfected lysate using mouse monoclonal anti-CBS and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-CBS.

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

**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

Immunoprecipitation-Western Blot

 [Protocol Download](#)

### Gene Information

**Entrez GeneID:** [875](#)

**Gene Name:** CBS

**Gene Alias:** HIP4

**Gene Description:** cystathionine-beta-synthase

**Omim ID:** [236200](#)

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

### Application Image

Immunoprecipitation-Western Blot

**Gene Summary:** The protein encoded by this gene acts as a homotetramer to catalyze the conversion of homocysteine to cystathionine, the first step in the transsulfuration pathway. The encoded protein is allosterically activated by adenosyl-methionine and uses pyridoxal phosphate as a cofactor. Defects in this gene can cause cystathionine beta-synthase deficiency (CBS), which can lead to homocystinuria. [provided by RefSeq]

**Other Designations:** OTTHUMP00000109416,OTTHUMP00000109418,beta-thionase,cystathionine beta-synthase,methylcysteine synthase,serine sulfhydrase

### Gene Pathway

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

### Related Disease

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