



# 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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## EDN3 (Human) IP-WB Antibody Pair

Catalog # : H00001908-PW1

規格 : [ 1 Set ]

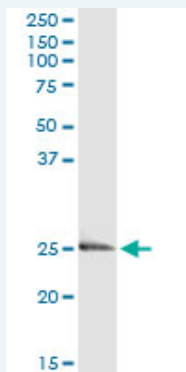
List All

### 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 EDN3 transfected lysate using mouse monoclonal anti-EDN3 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-EDN3.

**Supplied Product:** Antibody pair set content:  
1. Antibody pair for IP: mouse monoclonal anti-EDN3 (300 ug)  
2. Antibody pair for WB: rabbit polyclonal anti-EDN3 (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:** [1908](#)

**Gene Name:** EDN3

**Gene Alias:** ET3,MGC15067,MGC61498

**Gene Description:** endothelin 3

**Omim ID:** [131242](#), [142623](#), [209880](#), [277580](#)

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

### Application Image

Immunoprecipitation-Western Blot

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**Gene Summary:** The protein encoded by this gene is a member of the endothelin family. Endothelins are endothelium-derived vasoactive peptides involved in a variety of biological functions. The active form of this protein is a 21 amino acid peptide processed from the precursor protein. The active peptide is a ligand for endothelin receptor type B (EDNRB). The interaction of this endothelin with EDNRB is essential for development of neural crest-derived cell lineages, such as melanocytes and enteric neurons. Mutations in this gene and EDNRB have been associated with Hirschsprung disease (HSCR) and Waardenburg syndrome (WS), which are congenital disorders involving neural crest-derived cells. Four alternatively spliced transcript variants encoding three distinct isoforms have been observed. [provided by RefSeq]

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**Other Designations:** OTTHUMP00000031420, truncated endothelin 3

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### Gene Pathway

[Hypertrophic cardiomyopathy \(HCM\)](#) [Neuroactive ligand-receptor interaction](#)  
[Vascular smooth muscle contraction](#)

### Related Disease

[Cardiovascular Diseases](#) [Cystic Fibrosis](#) [Diabetes Mellitus, Type 2](#) [Down Syndrome](#) [Edema](#)  
[Genetic Predisposition to Disease](#) [Hirschsprung Disease](#) [Sleep Apnea, Obstructive](#)

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