



# 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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## GAD2 (Human) IP-WB Antibody Pair

Catalog # : H00002572-PW2

規格 : [ 1 Set ]

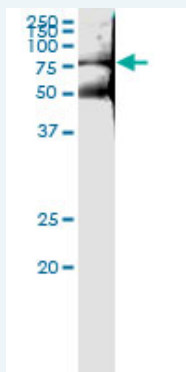
List All

### 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 GAD2 transfected lysate using rabbit polyclonal anti-GAD2 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-GAD2.

**Supplied Product:** Antibody pair set content:  
1. Antibody pair for IP: rabbit polyclonal anti-GAD2 (300 ul)  
2. Antibody pair for WB: mouse purified polyclonal anti-GAD2 (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:** [2572](#)

**Gene Name:** GAD2

**Gene Alias:** GAD65,MGC161605,MGC161607

**Gene Description:** glutamate decarboxylase 2 (pancreatic islets and brain, 65kDa)

**Omim ID:** [138275](#)

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

**Gene Summary:** This gene encodes one of several forms of glutamic acid

decarboxylase, identified as a major autoantigen in insulin-dependent diabetes. The enzyme encoded is responsible for catalyzing the production of gamma-aminobutyric acid from L-glutamic acid. A pathogenic role for this enzyme has been identified in the human pancreas since it has been identified as an autoantibody and an autoreactive T cell target in insulin-dependent diabetes. This gene may also play a role in the stiff man syndrome. Alternative splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq]

**Other Designations:** Glutamate decarboxylase-2 (pancreas), OTTHUMP00000019335, OTTHUMP00000019336, glutamate decarboxylase 2, glutamate decarboxylase 2 (pancreatic islets and brain, 65kD)

### Gene Pathway

[Alanine, aspartate and glutamate metabolism](#) [beta-Alanine metabolism](#)  
[Butanoate metabolism](#) [Metabolic pathways](#) [Taurine and hypotaurine metabolism](#)  
[Type I diabetes mellitus](#)

### Related Disease

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