



# 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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## HGD polyclonal antibody (A01)

Catalog # : H00003081-A01

規格 : [ 50 uL ]

List All

### Specification

**Product Description:** Mouse polyclonal antibody raised against a partial recombinant HGD.

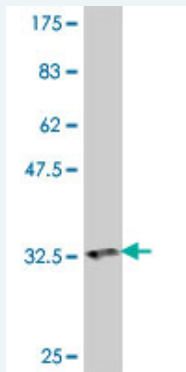
**Immunogen:** HGD (NP\_000178, 377 a.a. ~ 445 a.a) partial recombinant protein with GST tag.

**Sequence:** CFEKASKVKLAPERIADGTMAFMFESSLSLAVTKWGLKASRCLDENYHK  
CWEPLKSHFTPNSRNPAEPN

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (33.7 KDa) .

**Storage Buffer:** 50 % glycerol

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

### Applications

**Western Blot (Recombinant protein)**

[Protocol Download](#)

**ELISA**

### Gene Information

**Entrez GeneID:** [3081](#)

**GeneBank Accession#:** [NM\\_000187](#)

### Application Image

Western Blot (Recombinant protein)

ELISA

**Protein** [NP\\_000178](#)

**Accession#:**

**Gene Name:** HGD

**Gene Alias:** AKU,HGO

**Gene Description:** homogentisate 1,2-dioxygenase (homogentisate oxidase)

**Omim ID:** [203500](#), [607474](#)

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

**Gene Summary:** Homogentisate 1,2-dioxygenase (HGD) gene mutations are the molecular cause of alkaptonuria, a rare hereditary disorder of the phenylalanine catabolism. The highest expression of HGD is in the prostate, small intestine, colon, and liver. The HGD gene contains 14 exons. Conflicting reports have placed the gene at 3q2, 3q13.3-q21, 3q21-q24, 3q21-q23, or 3q25-q26. [provided by RefSeq]

**Other Designations:** homogentisate 1,2-dioxygenase,homogentisicase

### Gene Pathway

[Metabolic pathways](#) [Styrene degradation](#) [Tyrosine metabolism](#)

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