



# 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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## BRCA1 polyclonal antibody (A01)

Catalog # : H00000672-A01

規格 : [ 50 uL ]

List All

### Specification

**Product Description:** Mouse polyclonal antibody raised against a partial recombinant BRCA1.

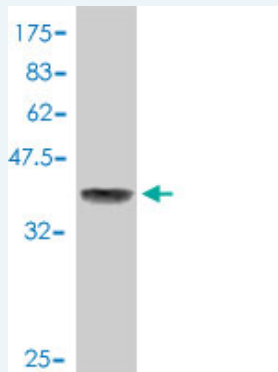
**Immunogen:** BRCA1 (NP\_009225, 1581 a.a. ~ 1670 a.a) partial recombinant protein with GST tag.

**Sequence:** EDRAPESARVGNIPSSTSALKVPQLKVAESAQGPAAAHTTDTAGYNAME  
ESVSREKPELTASTERVNRMSMVVSGLTPEEFMLVYKFAR

**Host:** Mouse

**Reactivity:** Human

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



Western Blot detection against Immunogen (36.01 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:** [672](#)

**GeneBank Accession#:** [NM\\_007294](#)

### Application Image

Western Blot (Recombinant protein)

ELISA

**Protein** [NP\\_009225](#)

**Accession#:**

**Gene Name:** BRCA1

**Gene Alias:** BRCA1, BRCC1, IRIS, PSCP, RNF53

**Gene Description:** breast cancer 1, early onset

**Omim ID:** [113705](#)

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

**Gene Summary:** This gene encodes a nuclear phosphoprotein that plays a role in maintaining genomic stability, and it also acts as a tumor suppressor. The encoded protein combines with other tumor suppressors, DNA damage sensors, and signal transducers to form a large multi-subunit protein complex known as the BRCA1-associated genome surveillance complex (BASC). This gene product associates with RNA polymerase II, and through the C-terminal domain, also interacts with histone deacetylase complexes. This protein thus plays a role in transcription, DNA repair of double-stranded breaks, and recombination. Mutations in this gene are responsible for approximately 40% of inherited breast cancers and more than 80% of inherited breast and ovarian cancers. Alternative splicing plays a role in modulating the subcellular localization and physiological function of this gene. Many alternatively spliced transcript variants, some of which are disease-associated mutations, have been described for this gene, but the full-length nature of only some of these variants has been described. A related pseudogene, which is also located on chromosome 17, has been identified. [provided by RefSeq]

**Other Designations:** BRCA1/BRCA2-containing complex, subunit 1, breast and ovarian cancer susceptibility protein 1

### Gene Pathway

[Ubiquitin mediated proteolysis](#)

### Related Disease

[Abdominal Neoplasms](#) [Abortion](#), [Habitual Abortion](#), [Spontaneous Adenocarcinoma](#) [Adenocarcinoma](#), [Clear Cell Adenocarcinoma](#), [Mucinous Adenoma](#), [Pleomorphic Anticipation](#), [Genetic Anxiety Disorders](#) [Ataxia Telangiectasia](#) [Ataxia telangiectasia Awareness](#) [Bloom Syndrome](#) [Body Image](#) [Body Weight](#) [Brain Neoplasms](#) [Breast cancer](#) [Breast Neoplasms](#) [Breast Neoplasms, Male](#)

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