



# 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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## CAV1 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00000857-D01P

規格 : [ 100 ug ]

[List All](#)

### Specification

**Product Description:** Rabbit polyclonal antibody raised against a full-length human CAV1 protein.

**Immunogen:** CAV1 (AAH82246.1, 1 a.a. ~ 178 a.a) full-length human protein.

**Sequence:** MSGGKYVDSEGHLYTVPIREQGNIYKPNKAMADELSEKQVYDAHTKEIDLVNRPKHLNDDVVKIDFEDVIAEPEGTHSFDGIWKASFTTFTVTKYWFYRLLSALFGIPMALIWGIYFAILSFLHIWAVPCIKSFLIEIQCISRVSIIYVHTVCDPLFEAVGKIFSNRINLQKEI

**Host:** Rabbit

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** In 1x PBS, pH 7.4

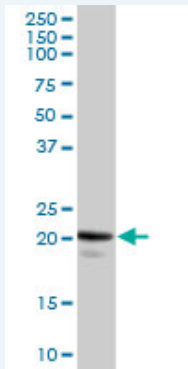
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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

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

### Applications

#### Western Blot (Tissue lysate)



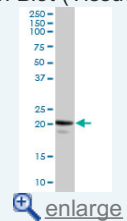
CAV1 MaxPab rabbit polyclonal antibody. Western Blot analysis of CAV1 expression in human colon.

[Protocol Download](#)

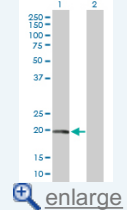
#### Western Blot (Transfected lysate)

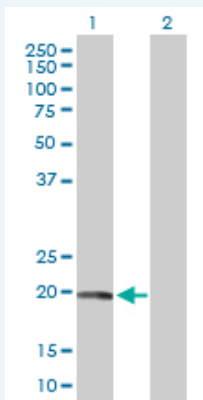
### Application Image

#### Western Blot (Tissue lysate)



#### Western Blot (Transfected lysate)





Western Blot analysis of CAV1 expression in transfected 293T cell line ([H00000857-T03](#)) by CAV1 MaxPab polyclonal antibody.

Lane 1: CAV1 transfected lysate(20.50 KDa).  
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

## Gene Information

**Entrez GeneID:** [857](#)

**GeneBank Accession#:** [NM\\_001753.3](#)

**Protein Accession#:** [AAH82246.1](#)

**Gene Name:** CAV1

**Gene Alias:** BSCL3,CAV,CGL3,MSTP085,VIP21

**Gene Description:** caveolin 1, caveolae protein, 22kDa

**Omim ID:** [601047](#)

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

**Gene Summary:** The scaffolding protein encoded by this gene is the main component of the caveolae plasma membranes found in most cell types. The protein links integrin subunits to the tyrosine kinase FYN, an initiating step in coupling integrins to the Ras-ERK pathway and promoting cell cycle progression. The gene is a tumor suppressor gene candidate and a negative regulator of the Ras-p42/44 MAP kinase cascade. CAV1 and CAV2 are located next to each other on chromosome 7 and express colocalizing proteins that form a stable hetero-oligomeric complex. By using alternative initiation codons in the same reading frame, two isoforms (alpha and beta) are encoded by a single transcript from this gene. [provided by RefSeq]

**Other Designations:** OTTHUMP00000025031,caveolae protein, 22-kD,caveolin 1,caveolin 1 caveolae protein, 22kD,caveolin 1, alpha isoform,caveolin 1, beta isoform,caveolin-1 beta isoform protein,cell growth-inhibiting protein 32

## Gene Pathway

[Focal adhesion](#)

## Related Disease

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