

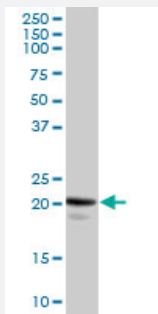
MaxPab®

CAV1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000857-D01P

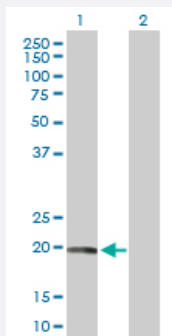
Size 100 ug

Applications



Western Blot (Tissue lysate)

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



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.

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	MSGGKYVDSEGHLYTVPIREQGNIYKPNNKAMADELSEKQVYDAHTKEIDLVRDPKHLNDDVVKI DFEDVIAEPEGTHSFDGMKASFTTFTVTKYWFYRLLSALFGIPMALIWGNYFAILSFLHWAVVPCIK SFLIEIQCISRVYSIVHTVCDPLFEAVGKIFSNVRINLQKEI
Host	Rabbit
Reactivity	Human

Interspecies Antigen Sequence	Mouse (95); Rat (95)
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.

Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

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

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[Protocol Download](#)

Gene Info — CAV1

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

Pathway

- [Focal adhesion](#)

Disease

- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Anoxia](#)
- [Arrhythmias](#)
- [Atherosclerosis](#)
- [Atrial Fibrillation](#)
- [Atrioventricular Block](#)
- [Breast Neoplasms](#)
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- [Coronary Artery Disease](#)
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- [Pulmonary Disease](#)
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