

DNAxPAb

Hard-to-Find
Antibody

CAV2 DNAxPAb

Catalog # H00000858-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CAV2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MGLETEKADVQLFMDDDSYSHHSGLEYADPEKFADSDQDRDPHRLNSHLKLG FEDVIAEPVTTH SFDKVVWICSHALFEISKYVMYKFLTVFLAIPAFIAGILFATLSCLHWILMPFVKTC LMVLP SVQTMWK SVTDVIAPLCTSVGRCFSSVSLQLSQD
Host	Rabbit
Reactivity	Human
Purification	Protein A
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 (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — CAV2

Entrez GeneID [858](#)

GeneBank Accession# [NM_001233.3](#)

Protein Accession# [NP_001224.1](#)

Gene Name CAV2

Gene Alias CAV, MGC12294

Gene Description caveolin 2

Omim ID [601048](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is a major component of the inner surface of caveolae, small invaginations of the plasma membrane, and is involved in essential cellular functions, including signal transduction, lipid metabolism, cellular growth control and apoptosis. This protein may function as a tumor suppressor. CAV1 and CAV2 are located next to each other on chromosome 7 and express colocalizing proteins that form a stable hetero-oligomeric complex. Two transcript variants encoding distinct isoforms have been identified for this gene. By using alternative initiation codons in the same reading frame, two isoforms (alpha and beta) are encoded by one transcript. [provided by RefSeq]

Other Designations caveolae protein, 20-kD|caveolin 2 isoform a and b

Pathway

- [Focal adhesion](#)

Disease

- [Atherosclerosis](#)
- [Atrial Fibrillation](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Head and Neck Neoplasms](#)
- [HIV Infections](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
- [Neoplasm Invasiveness](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)