



Rabbit Anti-Human Caveolin 1 monoclonal antibody, clone TQ54 (CABT-L1218)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	CAV1
Immunogen	Synthetic peptide corresponding to C-terminus of human caveolin-1 protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Clone	TQ54
Purification	Protein A/G Purified
Conjugate	Unconjugated
Applications	IHC-P
Positive Control	A suggested positive control is lung adenocarcinoma.
Format	Liquid
Buffer	PBS, pH 7.6, with 1% BSA
Preservative	0.1% Sodium Azide
Storage	4°C, do not freeze

BACKGROUND

Introduction

Caveolae (also known as plasmalemmal vesicles) are 50-100 nm flask-shaped membranes that represent a subcompartment of the plasma membrane. On the basis of morphological studies, caveolae have been implicated to function in the transcytosis of various macromolecules (including LDL) across capillary endothelial cells, uptake of small molecules via potocytosis and the compartmentalization of certain signaling molecules including G protein-coupled receptors. Three proteins, caveolin-1, caveolin-2 and caveolin-3 have been identified as principle components of caveolae.

GENE INFORMATION

Entrez Gene ID	857
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UniProt ID	Q03135
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