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Datasheet for ABIN7238645 anti-Caveolin-1 antibody

3 Images



Overview

Quantity:	200 µL
Target:	Caveolin-1 (CAV1)
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caveolin-1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of human CAV1
lsotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

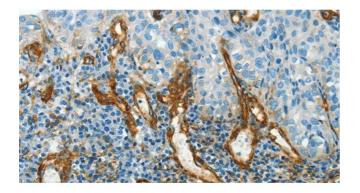
Target:	Caveolin-1 (CAV1)
Alternative Name:	CAV1 (CAV1 Products)
Background:	The scaffolding protein encoded by this gene is the main component of the caveolae plasma membranes found in most cell types. The protein links integrin subunits to the tyrosine kinase
	FYN, an initiating step in coupling integrins to the Ras-ERK pathway and promoting cell cycle progression. The gene is a tumor suppressor gene candidate and a negative regulator of the

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	Ras-p42/44 mitogen-activated kinase cascade. Caveolin 1 and caveolin 2 are located next to each other on chromosome 7 and express colocalizing proteins that form a stable hetero- oligomeric complex. Mutations in this gene have been associated with Berardinelli-Seip congenital lipodystrophy. Alternatively spliced transcripts encode alpha and beta isoforms of caveolin 1.
Molecular Weight:	20 kDa
NCBI Accession:	NP_001744
UniProt:	Q03135
Pathways:	Maintenance of Protein Location, Signaling Events mediated by VEGFR1 and VEGFR2, Negative Regulation of Transporter Activity, VEGFR1 Specific Signals
Application Details	
Application Notes:	WB 1:1000-1:5000, IHC 1:50-1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

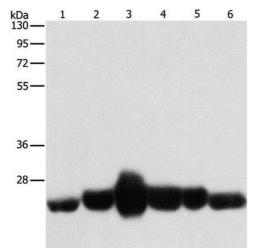
Durrer.	
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



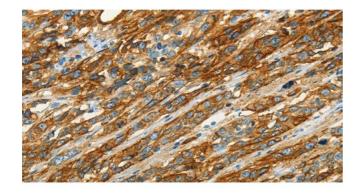
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human cervical cancer using CAV1 Polyclonal Antibody at dilution of 1:40



Western Blotting

Image 2. Western Blot analysis of Human fetal muscle and fetal lung tissue, Human leiomyosarcoma tissue, Mouse lung and heart tissue, NIH/3T3 cell using CAV1 Polyclonal Antibody at dilution of 1:550



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human esophagus cancer using CAV1 Polyclonal Antibody at dilution of 1:40

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