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Datasheet for ABIN1742344

anti-Caveolin-1 antibody (AA 1-17)

3 Images

1 Publication

Overview

Quantity:	50 µg
Target:	Caveolin-1 (CAV1)
Binding Specificity:	AA 1-17
Reactivity:	Human, Rat, Mouse, Dog, Pig, Cow, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	Synthetic peptide MSGGKYVDSEGHLYTVP (aa 1-17) coupled to key-hole limpet hemocyanin via an added C-terminal cysteine residue.
Specificity:	Specific for caveolin 1.
Purification:	Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization.

Target Details

Target:	Caveolin-1 (CAV1)
Alternative Name:	Caveolin 1 (CAV1 Products)
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 (AP staining)
ICC: 1 : 100 up to 1 : 500

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: For reconstitution add 50 µL H₂O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 °C until use.

Buffer: PBS

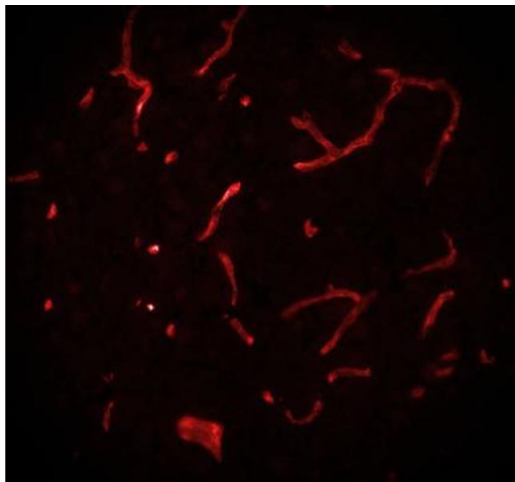
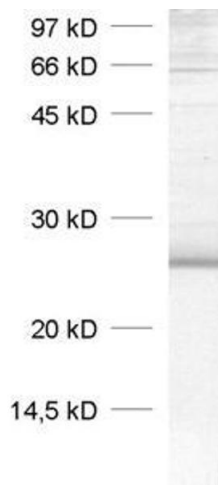
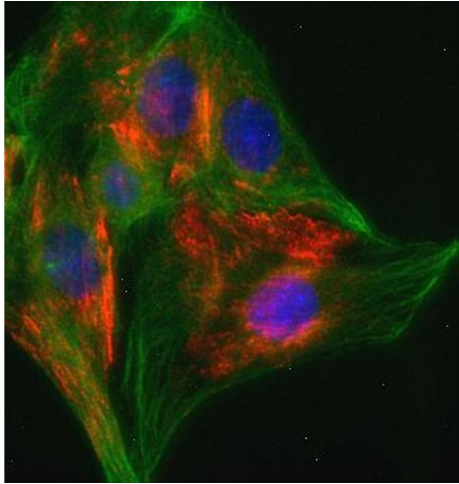
Handling Advice: Affinity purified antibodies are less robust than antisera, since protease inhibitors are also removed during purification. Hence, storage at 4 °C for prolonged periods (i.e. several weeks), is not recommended.

Storage: -20 °C

Storage Comment: Unlabeled lyophilized antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4°C for several years. Lyophilized antibodies must not be stored in the freezer, they may be destroyed!

Publications

Product cited in: Otero, Fellows, Li, de Bizemont, Dirac, Gustafsson, Erdjument-Bromage, Tempst, Svejstrup: "Elongator, a multisubunit component of a novel RNA polymerase II holoenzyme for transcriptional elongation." in: **Molecular cell**, Vol. 3, Issue 1, pp. 109-18, (1999) ([PubMed](#)).



Immunocytochemistry

Image 1. Indirect immunofluorescence on 3T3 cells (dilution 1 : 100; red) in combination with the monoclonal antibody against α -tubulin (cat. no. 302 201, dilution 1 : 500; green). Nuclei are visualized by DAPI staining (blue).

Western Blotting

Image 2. dilution: 1 : 1000, sample: rat brain homogenate

Immunohistochemistry

Image 3. Immunostaining of a cryosection from rat brain. Immunolabeling of blood-vessels was visualized by a fluorochrome conjugated secondary antibody.