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Datasheet for ABIN1742357

anti-GOSR2 antibody (Cytoplasmic Domain)

2 Images

1 Publication

Overview

Quantity:	50 µg
Target:	GOSR2
Binding Specificity:	AA 2-190, Cytoplasmic Domain
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant cytoplasmic domain of rat membrin (aa 2-190).
Specificity:	Specific for membrin.
Purification:	Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization.

Target Details

Target:	GOSR2
Alternative Name:	Membrin (GOSR2 Products)
Background:	Synonyms: GOSR 2, GS 27, GOS 27
Pathways:	ER-Nucleus Signaling

Application Details

Application Notes: WB: 1 : 1000 (AP staining)
 ICC: 1 : 100 up to 1 : 1000
 IHC: not tested yet

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

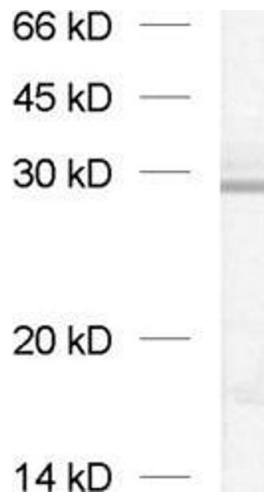
Handling Advice: Affinity purified antibodies are less robust than antisera, since protease inhibitors are also removed during purification. Hence, storage at 4 °C for prolonged periods (i.e. several weeks), is not recommended.

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!

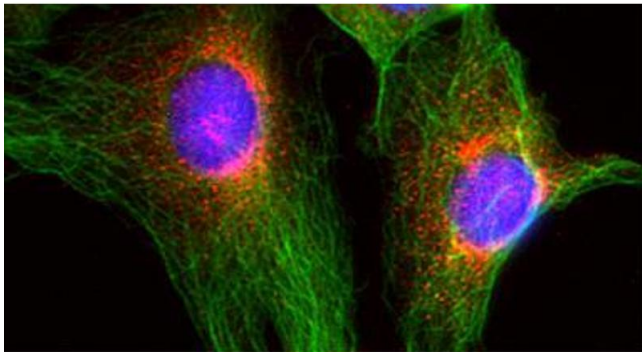
Publications

Product cited in: Keim, Johnson, Wheelock, Wahl: "Generation and characterization of monoclonal antibodies against the proregion of human desmoglein-2." in: **Hybridoma (2005)**, Vol. 27, Issue 4, pp. 249-58, (2008) ([PubMed](#)).



Western Blotting

Image 1. dilution: 1 : 1000, sample: crude synaptosomal fraction of rat brain (P2)



Immunocytochemistry

Image 2. 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).