



Data Sheet

SILICATEIN ALPHA (*SUBERITES DOMUNCULA*) ANTIBODY, POLYCLONAL

Catalog no.:	AC1011.1 / AC1011.2
Immunogen:	Recombinant silicatein α from <i>Suberites domuncula</i>
Swiss-Prot No:	Q2MEV3
Gene Information:	Gene Name: silicaa-g
Host:	Rabbit
Matrix:	Serum
Specificity:	Silicatein- α and silicatein- β , tested against following species: <i>Suberites domuncula</i> , <i>Lubomirskia baikalensis</i> , <i>Tethya aurantium</i> , <i>Geodia cydonium</i>
Contents:	20 μ l / 100 μ l (lyophilized) Resuspend in 20 μ l / 100 μ l aqua bidest.
Known applications:	ELISA (1:7000), Western Blot (1:1000), immunohistochemistry (1:100) This antibody has not been tested for use in all applications. This does not necessarily exclude its use for non-tested procedures. The stated dilutions are recommendations only. We suggest that the applicant titrates the antibody in his/her system using appropriate negative/positive controls.
Store at:	2-8 °C (lyophilized); - 20 °C (dissolved) Repeated thawing and freezing must be avoided
References:	<ol style="list-style-type: none">1. Müller WEG, Krasko A, Le Pennec G, Schröder HC (2003). Biochemistry and cell biology of silica formation in sponges. <i>Microsc. Res.Tech.</i> 62: 368-377.2. Müller WEG, Rothenberger M, Boreiko A, Tremel W, Reiber A, Schröder HC (2005). Formation of siliceous spicules in the marine demosponge <i>Suberites domuncula</i>. <i>Cell Tissue Res.</i> 321: 285-297.3. Belikov SI, Kaluzhnaya OV, Schröder HC, Krasko A, Müller IM, Müller WEG (2005). Expression of silicatein in spicules from the Baikalian sponge <i>Lubomirskia baicalensis</i>. <i>Cell Biol Int.</i> 29:943-951.
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