

AP02294SU-S**Polyclonal Antibody to Silicatein alpha / silica-g - Serum**

Quantity:	20 µl
Uniprot ID:	Q2MEV3
NCBI:	55567
Host:	Rabbit
Immunogen:	Recombinant silicatein α from Suberites domuncula
Format:	State: Lyophilized serum Reconstitution: Restore in aqua bidest to initial volume.
Applications:	ELISA (1:7.000). Western blot (1:1.000). Immunohistochemistry (1:100). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects Silicatein-α and silicatein-β. Species: Suberites domuncula. Other species not tested.
Storage:	Store lyophilized at 2 - 8 °C and reconstituted at -20 °C. Avoid repeated freezing and thawing. Shelf life: One year from despatch.
General Readings:	1. Müller WE, Krasko A, Le Penne G, Schröder HC. Biochemistry and cell biology of silica formation in sponges. <i>Microsc Res Tech.</i> 2003 Nov 1;62(4):368-77. PubMed PMID: 14534909. 2. Müller WE, Rothenberger M, Boreiko A, Tremel W, Reiber A, Schröder HC. Formation of siliceous spicules in the marine demosponge Suberites domuncula. <i>Cell Tissue Res.</i> 2005 Aug;321(2):285-97. Epub 2005 Jun 10. PubMed PMID: 15947968. 3. Belikov SI, Kaluzhnaya OV, Schöder HC, Krasko A, Müller IM, Müller WE. Expression of silicatein in spicules from the Baikalian sponge Lubomirskia baicalensis. <i>Cell Biol Int.</i> 2005 Nov;29(11):943-51. Epub 2005 Nov 4. PubMed PMID: 16275146.

Pictures:

a: Western blot reacted with antibody. M:
Molecular mass marker proteins

