



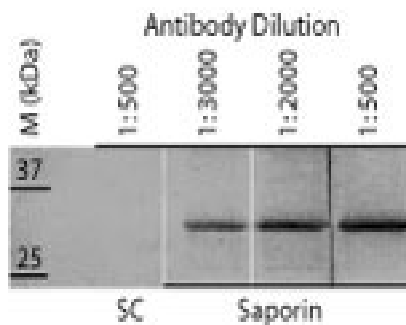
## Rabbit antibody to Saporin: whole serum

<b>Catalogue No.:</b>	R-025-100
<b>Description:</b>	Saporin is a ribosome-inactivating protein (RIP) of type I. This monomeric RNA N-glycosidase purified from seeds of the plant <i>Saponaria officinalis</i> also known as Soapwort, is capable of specific depurination of eukaryotic ribosomes thus arresting protein synthesis. No ligand has been identified in saporin hence its inability to transverse the cell membrane. Due to its toxicity and stability of the structure, saporin has proven extremely useful for construction of immunotoxins. The expected molecular weight of the purified saporin is 29.5 kDa.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 uL
<b>Antigen:</b>	Saporin, whole molecule
<b>Other Names:</b>	<i>Saponaria officinalis</i> ; Common soapwort
<b>Accession:</b>	RIP6_SAPOF
<b>Produced in:</b>	Rabbit
<b>Purity:</b>	Whole serum
<b>Applications:</b>	IHC, Immunofluorescence, ELISA, Western Blot. A dilution of 1:200 to 1: 2000 is recommended. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	Confirmed to react with purified saporin.
<b>Cross-reactivity:</b>	No cross-reactivity with other molecules has been reported.
<b>Form:</b>	Lyophilised
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
<b>Storage:</b>	After reconstitution keep aliquots at -20C for a higher stability, and at 2-8C with an appropriate antibacterial agent. Avoid repetitive freeze/thaw cycles. Glycerol (1:1) may be added for an additional stability.
<b>Expiry Date:</b>	12 months after purchase
<b>References:</b>	<ol style="list-style-type: none"><li>1. Stirpe, F. et al (1983) <i>Biochem J</i> 216, 617-625</li><li>2. Tazzari, P. L. et al (1988) <i>Cancer Immunol Immunother.</i> 26, 231-236</li><li>3. Strocchi, P. et al (1992) <i>J Immunol Methods.</i> 155, 57-63</li><li>4. Savino, C. et al (2000) <i>FEBS Lett.</i> 470, 239-243</li><li>5. Barbieri, L. et al (2000) <i>J Biochem (Tokyo).</i> 128, 883-889</li><li>6. Savino, C. et al (1998) <i>Acta Crystallogr D Biol Crystallogr.</i> 54, 636-638</li><li>7. Santanche, S. et al (1997) <i>Biochem Biophys Res Commun.</i> 234, 129-132</li></ol>

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FOR RESEARCH USE ONLY

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Western blot analysis using rabbit polyclonal anti-saporin antisera (R-025-100). HRP-labelled sheep anti-rabbit was used as the secondary antibody and the immunocomplex was then visualised by DAB. The expected molecular weight of the purified saporin is 29.5 kDa. SC: Spinal Cord homogenate (rat).

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