

## Rabbit polyclonal antibody to human Surfactant Protein A (221-236): Affinity purified

<b>Catalogue No.:</b>	R-1483-100
<b>Description:</b>	In the presence of calcium ions, Surfactant Protein A binds to surfactant phospholipids to lower the surface tension at the air-liquid interface in the alveoli of the mammalian lung and is essential for normal respiration (Ref: SWISSPROT).
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	A synthetic peptide corresponding to a region (221-236 aa) from human Surfactant Protein A.
<b>Antigen Location:</b>	221-236
<b>Other Names:</b>	Pulmonary surfactant-associated protein A1; PSP-A; PSPA; SP-A; SP-A1; SP-A2; 35 kDa pulmonary surfactant-associated protein; Alveolar proteinosis protein; Collectin-4; Collectin-5; SFTPA1; SFTPA2; COLEC4; PSAP; SFTP1; SFTPA; SFTPA1B; SFTPA2B;
<b>Accession:</b>	Q8IWL2 SFTA1_HUMAN; Q8IWL1 SFPA2_HUMAN;
<b>Produced in:</b>	Rabbit
<b>Applications:</b>	Western Blotting (WB). A concentration of 0.1-0.5 ug/mL is recommended for WB. Human Surfactant protein A (precursor) has a predicted length of 248 amino acids and MW of 26 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB against the antigen.
<b>Antibody Against:</b>	Surfactant Protein A
<b>Cross-reactivity:</b>	Human; rat; predicted to react with mouse due to sequence homology
<b>Form:</b>	Liquid (0.5ml). 50% glycerol, 0.9mg NaCl and 0.2mg Na <sub>2</sub> HPO <sub>4</sub>
<b>Reconstitution:</b>	The liquid formulation should be diluted in PBS (pH 7.4)
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase

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