

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

Catalogue No.:	R-1483-100
Description:	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).
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide corresponding to a region (221-236 aa) from human Surfactant Protein A.
Antigen Location:	221-236
Other Names:	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;
Accession:	Q8IWL2 SFTA1_HUMAN; Q8IWL1 SFPA2_HUMAN;
Produced in:	Rabbit
Applications:	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.
Specificity:	The specificity of this antibody has been confirmed by WB against the antigen.
Antibody Against:	Surfactant Protein A
Cross-reactivity:	Human; rat; predicted to react with mouse due to sequence homology
Form:	Liquid (0.5ml). 50% glycerol, 0.9mg NaCl and 0.2mg Na ₂ HPO ₄
Reconstitution:	The liquid formulation should be diluted in PBS (pH 7.4)
Storage:	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.
Expiry Date:	12 months after purchase

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