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Anti-Human SFTP B Polyclonal Antibody

多克隆抗体

产品货号: PA05894

第三版

**描述:** This gene encodes the pulmonary-associated surfactant protein B (SPB), an amphipathic surfactant protein essential for lung function and homeostasis after birth. Pulmonary surfactant is a surface-active lipoprotein complex composed of 90% lipids and 10% proteins which include plasma proteins and apolipoproteins SPA, SPB, SPC and SPD. The surfactant is secreted by the alveolar cells of the lung and maintains the stability of pulmonary tissue by reducing the surface tension of fluids that coat the lung. The SPB enhances the rate of spreading and increases the stability of surfactant monolayers in vitro. Multiple mutations in this gene have been identified, which cause pulmonary surfactant metabolism dysfunction type 1, also called pulmonary alveolar proteinosis due to surfactant protein B deficiency, and are associated with fatal respiratory distress in the neonatal period. Alternatively spliced transcript variants encoding the same protein have been identified. SFTP B (Surfactant Protein B) is a Protein Coding gene. Diseases associated with SFTP B include Surfactant Metabolism Dysfunction, Pulmonary, 1 and Sftpb-Related Pulmonary Surfactant Metabolism Dysfunction. Among its related pathways are Defective CSF2RA causes pulmonary surfactant metabolism dysfunction 4 (SMDP4) and Diseases of metabolism. An important paralog of this gene is PSAP.

**抗原:** Synthesized peptide derived from the Internal region of human SP-B.

**配方:**

**如何使用:** 加1ml超纯水重溶

**稳定性:** -20 ° C保存条件下，冻干粉,保质期为五年；液体，保质期为两年。

**稀释液:** PBS (pH7.4) , 1% BSA

**应用:** WB 1 ~ 5 μg/ml.

**特异性:**