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SFTPD Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13998b

Product Information

Application	WB, E
Primary Accession	P35247
Other Accession	NP_003010.4
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB33826
Calculated MW	37728
Antigen Region	301-330

Additional Information

Gene ID	6441
Other Names	Pulmonary surfactant-associated protein D, PSP-D, SP-D, Collectin-7, Lung surfactant protein D, SFTPD, COLEC7, PSPD, SFTP4
Target/Specificity	This SFTPD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 301-330 amino acids from the C-terminal region of human SFTPD.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	SFTPD Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SFTPD
Synonyms	COLEC7, PSPD, SFTP4
Function	Contributes to the lung's defense against inhaled microorganisms, organic

	antigens and toxins. Interacts with compounds such as bacterial lipopolysaccharides, oligosaccharides and fatty acids and modulates leukocyte action in immune response. May participate in the extracellular reorganization or turnover of pulmonary surfactant. Binds strongly maltose residues and to a lesser extent other alpha- glucosyl moieties.
Cellular Location	Secreted, extracellular space, extracellular matrix. Secreted, extracellular space, surface film
Tissue Location	Expressed in lung, brain, pancreas and adipose tissue (mainly mature adipocytes).

Background

SFTPD contributes to the lung's defense against inhaled microorganisms. May participate in the extracellular reorganization or turnover of pulmonary surfactant. Binds strongly maltose residues and to a lesser extent other alpha-glucosyl moieties.

References

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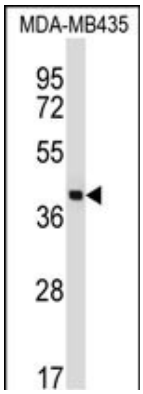
Images



SFTPD Antibody (C-term) (Cat. #AP13998b) western blot analysis in MDA-MB435 cell line lysates (35ug/lane).This demonstrates the SFTPD antibody detected the SFTPD protein (arrow).