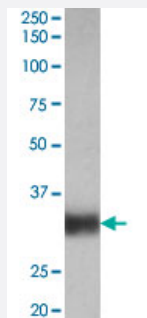


SFTPA1/SFTPA2 polyclonal antibody

Catalog # PAB24551

Size 100 ug

Applications



Western Blot (Tissue lysate)

SFTPA1/SFTPA2 polyclonal antibody (Cat # PAB24551) (0.01 ug/mL) staining of human lung lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of SFTPA1/SFTPA2.
Immunogen	A synthetic peptide corresponding to amino acids 102-115 at internal region of human SFTPA1/SFTPA2.
Sequence	C-HLDEELQATLHDFR
Host	Goat
Theoretical MW (kDa)	30
Reactivity	Human
Specificity	This antibody is expected to recognize all the reported isoforms of A1 (NP_005402.3; NP_001087239.2; NP_001158117.1; NP_001158118.1) and A2 (NP_001092138.1), Reported variants represent identical protein: NP_001158116.1, NP_005402.3, NP_001158119.1
Form	Liquid
Purification	Antigen affinity purification

Recommend Usage	ELISA (1:32000) Western Blot (0.01-0.03 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

SFTPA1/SFTPA2 polyclonal antibody (Cat # PAB24551) (0.01 ug/mL) staining of human lung lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — SFTPA1

Entrez GeneID	653509
Protein Accession#	NP_005402.3 (Gene ID : 653509);NP_001087239.2 (Gene ID : 653509);NP_001158117.1 (Gene ID : 653509);NP_001158118.1 (Gene ID : 653509);NP_001092138.1 (Gene ID : 729238)
Gene Name	SFTPA1
Gene Alias	COLEC4, FLJ51913, SFTP1, SP-A, SP-A1
Gene Description	surfactant protein A1
Gene Ontology	Hyperlink
Gene Summary	pulmonary-associated protein A1 surfactant
Other Designations	surfactant, pulmonary-associated protein A1 surfactant, pulmonary-associated protein A1A

Gene Info — SFTPA2

Entrez GeneID	729238
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Protein Accession#	NP_005402.3 (Gene ID : 653509);NP_001087239.2 (Gene ID : 653509);NP_001158117.1 (Gene ID : 653509);NP_001158118.1 (Gene ID : 653509);NP_001092138.1 (Gene ID : 729238)
Gene Name	SFTPA2
Gene Alias	COLEC5, MGC189761, SP-A2, SPAll
Gene Description	surfactant protein A2
Gene Ontology	Hyperlink
Gene Summary	This gene is one of several genes encoding pulmonary-surfactant associated proteins (SFTPA) located on chromosome 10. Mutations in this gene and a highly similar gene located nearby, which affect the highly conserved carbohydrate recognition domain, are associated with idiopathic pulmonary fibrosis. The current version of the assembly displays only a single centromeric SFTPA gene pair rather than the two gene pairs shown in the previous assembly which were thought to have resulted from a duplication. [provided by RefSeq]
Other Designations	OTTHUMP00000019932 surfactant, pulmonary-associated protein A2 surfactant, pulmonary-associated protein A2A

Disease

- [Alzheimer Disease](#)
- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Pulmonary Disease](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Recurrence](#)
- [Respiratory Syncytial Virus Infections](#)
- [Spondylarthritis](#)
- [Sudden Infant Death](#)
- [Sudden Infant Death](#)
- [Urinary Tract Infections](#)

- [Urinary Tract Infections](#)