

Datasheet for ABIN987275

anti-Surfactant Protein A1 antibody (AA 102-115)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	Surfactant Protein A1 (SFTPA1)
Binding Specificity:	AA 102-115
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Surfactant Protein A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	SFTPA1 / SFTPA2 (aa102-115)
Immunogen:	Peptide with sequence C-HLDEELQATLHDFR, from the internal region of the protein sequence according to NP_005402.3, NP_001087239.2, NP_001158117.1, NP_001158118.1, NP_001092138.1.
Sequence:	HLDEELQATL HDFR
Isotype:	IgG
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
Cross-Reactivity:	Cow, Human

Product Details

Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	Surfactant Protein A1 (SFTPA1)
Alternative Name:	SFTPA1 (SFTPA1 Products)
Background:	SFTPA1, surfactant protein A1, COLEC4, FLJ50593, FLJ51913, FLJ61144, FLJ77898, FLJ79095, FLJ99559, MGC133365, MGC198590, PSAP, PSP-A, PSPA, SFTP1, SFTPA1B, SP-A, SP-A1, SPA, SPA1, 35 kDa pulmonary surfactant-associated protein, OTTHUMP00000019928, OTTHUMP
Gene ID:	653509, 729238
NCBI Accession:	NP_005402 , NP_001087239 , NP_001158117 , NP_001158118 , NP_001092138

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Lung. Recommended concentration: 5 µg/mL. Western Blot: Approx 30 kDa band observed in Human Lung lysates (calculated MW of 27.7 kDa according to NP_001087239.2). Recommended concentration: 0.01-0.03 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.

Handling

Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



Western Blotting

Image 1. ABIN987275 (0.01µg/ml) staining of Human Lung lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.