

Goat anti-SFTPA1 / SFTPA2 (aa102-115) Antibody

Item Number	dAP-2615
Target Molecule	Principle Name: SFTPA1 / SFTPA2 (aa102-115); Official Symbol: SFTPA1; All Names and Symbols: 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; Accession Number (s): NP_005402.3; NP_001087239.2; NP_001158117.1; NP_001158118.1; NP_001092138.1;
Immunogen	HLDEELQATLHDFR, is from internal region 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
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 30kDa band observed in Human Lung lysates (calculated MW of 27.7kDa according to NP_001087239.2). Recommended concentration: 0.01-0.03µg/ml.
IHC	
Reference	Reference(s): Benhabib H, Mendelson CR. Epigenetic regulation of surfactant protein A gene (SP-A) expression in fetal lung reveals a critical role for Suv39h methyltransferases during development and hypoxia. Mol Cell Biol. 2011 May;31(10):1949-58.. PMID: 21402781->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**