

Anti-UGRP1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	(predicted:Human,Mouse,Rat,Pig,Horse)
Molecular Weight:	Theoretical: 8 kDa.
Purification:	Protein A purified

Applications

Application:	IHC-P,IHC-Fr,ICC/IF,IF
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; ICC/IF: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human SCGB3A2
Antigen Species:	Human
Gene ID:	117156
Uniprot ID:	Q96PL1
Synonyms:	Secretoglobin Family 3A Member 2;SCGB3A2;PnSP-1;UGRP1;PNSP1;Pneumo Secretory Protein 1;Uteroglobin-Related Protein 1
Biology Area:	Other factors

Research Background

Uteroglobin-related protein 1 is a 93-amino acid secretory protein that is mainly expressed in lung Clara-like epithelial cells, with low levels of expression in the thyroid. The homodimeric UGRP1 may play an anti-inflammatory role in lung inflammation, though the mechanism is still unknown. A macrophage scavenger receptor with collagenous structure (MARCO) acts as a receptor for UGRP1 and may be involved in pathogen clearance in the lung. UGRP1 has a binding site for bacterial lipopolysaccharide (LPS). It is downregulated in antigen-induced inflamed airways, such as allergic asthma, but is upregulated in cystic fibrosis, and interleukin-9 and interleukin-5 modulate UGRP1 expression. UGRP1 may be a therapeutic candidate for treating various sources of lung inflammation

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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