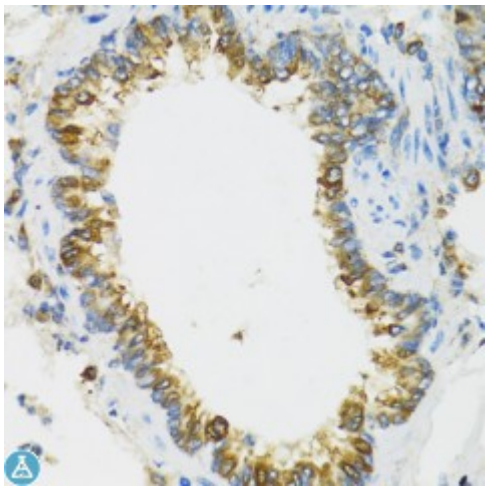
Anti-PI3 Antibody



Description	This gene encodes an elastase-specific inhibitor that functions as an antimicrobial peptide against Gram-positive and Gram-negative bacteria, and fungal pathogens. The protein contains a WAP-type four-disulfide core (WFDC) domain, and is thus a member of the WFDC domain family. Most WFDC gene members are localized to chromosome 20q12-q13 in two clusters: centromeric and telomeric. This gene belongs to the centromeric cluster. Expression of this gene is upgulated by bacterial lipopolysaccharides and cytokines.

Model	STJ114356
Host	Rabbit
Reactivity	Human, Rat
Applications	IHC, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 23-117 of human PI3 (NP_002629.1).
Gene ID	5266
Gene Symbol	PI3
Dilution range	WB 1:500 - 1:2000 IHC 1:50 - 1:200
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Elafin Elastase-specific inhibitor ESI Peptidase inhibitor 3 PI-3 Protease inhibitor WAP3 Skin-derived antileukoproteinase SKALP WAP four-disulfide core domain protein 14

Molecular Weight	12.27 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:8947OMIM:182257Reactome:R-HSA-6803157
Alternative Names	Elafin Elastase-specific inhibitor ESI Peptidase inhibitor 3 PI-3 Protease inhibitor WAP3 Skin-derived antileukoproteinase SKALP WAP four-disulfide core domain protein 14
Function	Neutrophil and pancreatic elastase-specific inhibitor of skin, It may prevent elastase-mediated tissue proteolysis
Cellular Localization	Secreted

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