

## Anti-ELAF antibody

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<b>Description</b>	Unconjugated Rabbit polyclonal to ELAF
<b>Model</b>	STJ192480
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthesized peptide derived from human ELAF protein.
<b>Immunogen Region</b>	40-120aa
<b>Gene ID</b>	<a href="#">5266</a>
<b>Gene Symbol</b>	<a href="#">PI3</a>
<b>Dilution range</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Specificity</b>	ELAF Polyclonal Antibody detects endogenous levels of protein.
<b>Purification</b>	ELAF antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Elafin Elastase-specific inhibitor ESI Peptidase inhibitor 3 PI-3 Protease inhibitor WAP3 Skin-derived antileukoproteinase SKALP WAP four-disulfide core domain protein 14
<b>Molecular Weight</b>	12 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated

<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="https://www.ncbi.nlm.nih.gov/condensedbook/condensedbook.cgi?acc=HGNC:8947OMIM:182257">HGNC:8947OMIM:182257</a>
<b>Alternative Names</b>	Elafin Elastase-specific inhibitor ESI Peptidase inhibitor 3 PI-3 Protease inhibitor WAP3 Skin-derived antileukoproteinase SKALP WAP four-disulfide core domain protein 14
<b>Function</b>	Neutrophil and pancreatic elastase-specific inhibitor of skin. It may prevent elastase-mediated tissue proteolysis.
<b>Sequence and Domain Family</b>	Consists of two domains: the transglutaminase substrate domain (cementoin moiety) and the elastase inhibitor domain. The transglutaminase substrate domain serves as an anchor to localize elafin covalently to specific sites on extracellular matrix proteins.
<b>Cellular Localization</b>	Secreted.

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