



Anti-PI3 polyclonal antibody [Biotin] (DPABY-542)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Trappin-2 is a member of the trappin family that includes the SLPI (secretory leukocyte protease inhibitor) protein. Elafin or ESI (elastase-specific inhibitor) and SKALP (skin-derived anti-leukoproteinase) are alternative names for trappin-2 and reflect its protease targets. However, Elafin and SKALP sometimes correspond only to the processed form that contains the C-terminal WAP domain of the molecule.
Specificity	Detects human Trappin-2/Elafin in ELISAs and Western blots. In sandwich immunoassays, less than 0.1% cross-reactivity with recombinant human (rh) SLPI, rhTGM-2, and human Neutrophil Elastase is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Trappin-2/Elafin . Ala23-Gln117 Accession Number P19957
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.

Preservative	None
Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <p>12 months from date of receipt, -20 to -70 °C as supplied.</p> <p>1 month, 2 to 8 °C under sterile conditions after reconstitution.</p> <p>6 months, -20 to -70 °C under sterile conditions after reconstitution.</p>

GENE INFORMATION

Gene Name	PI3 peptidase inhibitor 3, skin-derived [Homo sapiens (human)]
Official Symbol	PI3
Synonyms	PI3; peptidase inhibitor 3, skin-derived; ESI; WAP3; SKALP; WFDC14; cementoin; elafin; PI-3; trappin-2; pre-elafin; protease inhibitor WAP3; elastase-specific inhibitor; skin-derived antileukoproteinase; WAP four-disulfide core domain 14; WAP four-disulfi
Entrez Gene ID	5266
Protein Refseq	NP_002629
UniProt ID	P19957
Chromosome Location	20q13.12
Function	endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity;