

#### OriGene Technologies, Inc.

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# Product datasheet for TA356507

#### **PI3 Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PI3
Specificity:	Expected reactivity: Human Homology: Human: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	6kDa
Gene Name:	peptidase inhibitor 3
Database Link:	<u>NP_002629</u> <u>Entrez Gene 5266 Human</u> <u>P19957</u>



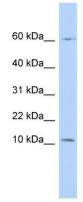
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## PI3 Rabbit Polyclonal Antibody – TA356507

Background:	PI3 is an elastase-specific inhibitor that functions as an antimicrobial peptide against Gram- positive and Gram-negative bacteria. PI3 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. PI3 belongs to the centromeric cluster. Expression of this gene is upgulated by bacterial lipopolysaccharides and cytokines.This gene encodes an elastase-specific inhibitor, which 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene.
C. manual and	Please see the Entrez Gene record to access additional publications.

Synonyms:cementoin; ELAFIN; ESI; MGC13613; pre-elafin; SKALP; trappin-2; WAP3; WFDC14Protein Families:Secreted Protein, Transmembrane

### **Product images:**



WB Suggested Anti-PI3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: 721\_B cell lysate

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