

Datasheet for ABIN7435181  
**anti-PI3 antibody (AA 41-117)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	PI3
Binding Specificity:	AA 41-117
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PI3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Peptidase Inhibitor 3, Skin Derived (PI3)
Immunogen:	Recombinant Peptidase Inhibitor 3, Skin Derived (PI3) corresponding to Phe41~Gln117 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PI3. It has been selected for its ability to recognize PI3 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

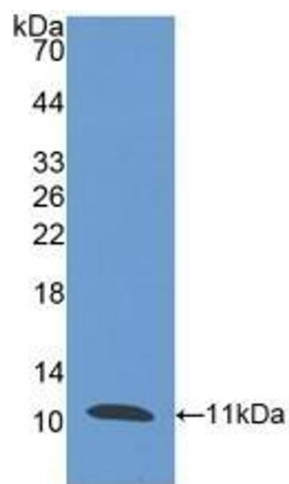
Target:	PI3
Alternative Name:	Peptidase Inhibitor 3, Skin Derived ( <a href="#">PI3 Products</a> )
Background:	SKALP, ESI, WAP3, WFDC14, Elafin, Skin-Derived Antileukoproteinase, Cementoin, Elastase-specific inhibitor, WAP four-disulfide core domain protein 14

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

**Image 1.** Detection of Recombinant PI3, Human using Polyclonal Antibody to Peptidase Inhibitor 3, Skin Derived (PI3)