

Datasheet for ABIN2784539  
**anti-PLG antibody (Middle Region)**



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2 Images

## Overview

Quantity:	100 µL
Target:	PLG
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLG antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PLG
Sequence:	LISPEWVLTAAHCLKSPRPSSYKVILGAHQEVNLEPHVQIEVSRFLFLE
Predicted Reactivity:	Dog: 79%, Human: 100%, Mouse: 79%, Pig: 86%, Rabbit: 79%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against PLG. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	PLG
Alternative Name:	PLG ( <a href="#">PLG Products</a> )

## Target Details

Background:	<p>The protein encoded by this gene is a secreted blood zymogen that is activated by proteolysis and converted to plasmin and angiostatin. Plasmin dissolves fibrin in blood clots and is an important protease in many other cellular processes while angiostatin</p> <p>Alias Symbols: DKFZp779M0222</p> <p>Protein Interaction Partner: RELA, SUZ12, RNF2, HSPD1, HSPB1, HSPA1A, ACTB, YTHDC1, CYFIP2, PRDX4, SMAD4, SMAD3, EP300, MAPK14, RBBP6, RAP2A, CDCP1, RUVBL1, TFPI2, NGF, CHGA, SERPING1, SERPINB13, CPB2, SERPINI1, F2RL1, LAMA3, MEP1A, PCOLCE, AMOT, SERPINF2, KNG1, F10, C7, PLAU, THBS1,</p> <p>Protein Size: 810</p>
Molecular Weight:	88 kDa
Gene ID:	5340
NCBI Accession:	<a href="#">NM_000301</a> , <a href="#">NP_000292</a>
UniProt:	<a href="#">P00747</a>
Pathways:	<a href="#">Complement System</a> , <a href="#">Lipid Metabolism</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 810 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: 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.

Images



Western Blotting

**Image 1.** WB Suggested Anti-PLG Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: PANC1 cell lysate PLG is supported by BioGPS gene expression data to be expressed in PANC1

Western Blotting

**Image 2.** WB Suggested Anti-PLG Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500 Positive Control: PANC1 cell lysate PLG is supported by BioGPS gene expression data to be expressed in PANC1