

Datasheet for ABIN5008932
anti-PLG antibody (AbBy Fluor® 750)



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Overview

Quantity:	100 µL
Target:	PLG
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLG antibody is conjugated to AbBy Fluor® 750
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PLG
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig
Purification:	Purified by Protein A.

Target Details

Target:	PLG
Alternative Name:	Plasminogen (PLG Products)
Background:	Synonyms: Plasminogen, Angiostatin, DKFZp779M0222, Microplasmin, Plasmin, Plasmin heavy chain A, PLG, PLMN_HUMAN.

Target Details

Background: Plasminogen is a plasma protein synthesised mostly in the liver. Plasma concentration is usually in the range of 70 to 200 mg/l. Plasminogen is activated by tissue plasminogen activator, urokinase and streptokinase, to form plasmin. Activation results from the cleavage and release of the preactivation peptide. Angiostatin, an internal fragment of plasminogen, is a potent inhibitor of angiogenesis, which selectively inhibits endothelial cell proliferation. Angiostatin potently inhibits tumor growth and can maintain metastatic and primary tumors in a dormant state. It is defined by a balance of proliferation and apoptosis of the tumor cells and is composed of plasminogen first four cringle structures. This molecule is generated by proteolytic cleavage of plasminogen.

Gene ID:	5340
UniProt:	P00747
Pathways:	Complement System , Lipid Metabolism

Application Details

Application Notes:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months