

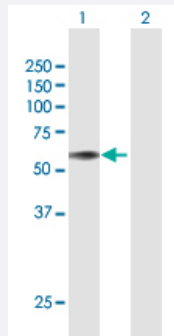
MaxPab®

PROC purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005624-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PROC expression in transfected 293T cell line ([H00005624-T01](#)) by PROC MaxPab polyclonal antibody.

Lane 1: PROC transfected lysate(50.71 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PROC protein.
Immunogen	PROC (NP_000303.1, 1 a.a. ~ 461 a.a) full-length human protein.
Sequence	MWQLTSLLLFVATWGISGTPAPLDSVFSSSERAHQVLRIKTRANSFLEELRHSSLERECIEEICDF EEAKEIFQNVDDTLAFWSKHVDGDQCLVPLEHPCASLCCGHGTCIDGIGSFSCDCRSGWEGRF CQREVSFLNCSLDNGGCTHYCLEEVGWRRCSAPGYKLGDLLQCHPAVKFPCGRPWKRMKEK KRSHLKRDTEDQEDQVDPRLIDGKMTRRGDSPWQVVLLDSKKKLACGAVLIHPSWVLTAHCM DESKLLVRLGEYDLRRWEKWELDLDIKEVFVHPNYSKSTTDNDIALHQAQATLSQTIVPICLPD SGLAERELNQAGQETLVTGWGYHSSREKEAKRNRTFVLNFIKIPVVPNECSEVMNMVSENML CAGILGDRQDACEGDSGGPMVASFHGTWFLVGLVSWGEGCGLLHNYGVYTKVSRYLWDWIHGHIR DKEAPQKSWAP
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of PROC expression in transfected 293T cell line ([H00005624-T01](#)) by PROC MaxPab polyclonal antibody.

Lane 1: PROC transfected lysate(50.71 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — PROC

Entrez GeneID [5624](#)

GeneBank Accession# [NM_000312.2](#)

Protein Accession# [NP_000303.1](#)

Gene Name PROC

Gene Alias PC, PROC1

Gene Description protein C (inactivator of coagulation factors Va and VIIIa)

Omim ID [176860](#)

Gene Ontology [Hyperlink](#)

Gene Summary The PROC gene encodes protein C (EC 3.4.21.69), a vitamin K-dependent plasma glycoprotein that is a key component of the anticoagulant system. Protein C is cleaved to its activated form, 'activated protein C' (APC) on endothelial cells by the thrombin-thrombomodulin complex (MIM 176930; MIM 188040) and then acts as a serine protease to degrade the activated forms of coagulation factors V (F5; MIM 612309) and VIII (F8; see MIM 306700). Protein S (PROS1; MIM 176880), also a vitamin K-dependent plasma protein, functions as a cofactor to activated protein C.[supplied by OMIM]

Other Designations -

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Acute Disease](#)
- [Cadaver](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Meningococcal Infections](#)
- [Multiple Organ Failure](#)
- [Obstetric Labor](#)
- [Postoperative Complications](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Protein C Deficiency](#)
- [Sepsis](#)
- [Stroke](#)
- [Thrombophilia](#)
- [Thrombosis](#)

- [Vascular Diseases](#)
- [Venous Thrombosis](#)