

Datasheet

PROC purified MaxPab mouse polyclonal antibody (B01P)

Catalog Number: H00005624-B01P

Regulation Status: For research use only (RUO)

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:

MWQLTSLLLFVATWGISGTPAPLDSVFSSSERAHQVL
RIRKRANSFLEELRHSSLERECIEEICDFEEAKEIFQNV
DDTLAFWSKHVDGDQCLVLPLEHPCASLCCGHGTCID
GIGSFSCDCRSWEGRFCQREVSLNCSLDNNGGCTH
YCLEEVGWRRCSAPGYKLGDDLLQCHPAVKFPCGR
PWKRMEKKRSHLKRDTEDQEDQVDPRLIDGKMTRRG
DSPWQVVLLDSKKKLACGAVLIHPSWVLTAAHCMDDES
KKLLVRLGEYDLRRWEKWELDLDIKEVFVHPNYSKST
TDNDIALHLAQPATLSQTIVPICLPDSGLAERELNQAG
QETLVGTGWGYHSSREKEAKRNRTFVLNFIKIPVVPNE
CSEVMNMVSENMLCAGILGDRQDACEGDSGGPMV
ASFHGTWFLVGLVSWGEGCGLLHNYGVYTKVSRYLD
WIHGHIRDKEAPQKSWAP

Host: Mouse

Reactivity: Human

Applications: WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5624

Gene Symbol: PROC

Gene Alias: PC, PROC1

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]