

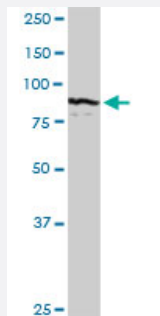
MaxPab®

C7 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000730-D01P

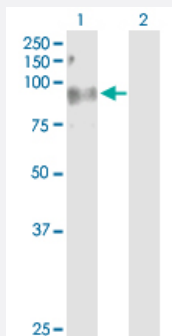
Size 100 ug

Applications



Western Blot (Tissue lysate)

C7 MaxPab rabbit polyclonal antibody. Western Blot analysis of C7 expression in mouse kidney.



Western Blot (Transfected lysate)

Western Blot analysis of C7 expression in transfected 293T cell line ([H00000730-T02](#)) by C7 MaxPab polyclonal antibody.

Lane 1: C7 transfected lysate(93.50 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human C7 protein.

Immunogen

C7 (NP_000578.2, 1 a.a. ~ 843 a.a) full-length human protein.

Sequence	MKVISLFLVGFIGEFQSFSSASSPVNCQWDFYAPWSECNGCTKTQTRRRSVAVYGQYGGQPCV GNAFETQSCEPTRGCPTEEGCGERFRFCFSGQCISKSLVCNGSDCDEDSADEDRCEDSERRP SCDIDKPPPNIELTGNGYNELTGQFRNRVINTKSFGGQCRKVFSGDGKDFYRLSGNVLSYTFQVKI NNDFNIEFYNSTWSYVKHTSTEHTSSSRKRSFFRSSSSSSRSYTSHTNEIHKGSYQLLVVENTV EVAQFINNNPEFLQLAEPFWKELSHLPSLYDYSAYRRLIDQYGYHLQSGSLGGEYRVLFYVDSEK LKQNDFNSVEEKCKKSSGWHFVVKFSSHGCKELENALKAASGTQNNVLRGEPFIRGGGAGFISG LSYLELDNPAGNKRRYSAWAESVTNLPQVIKQKLTPLYELVKEVPCASVKKLYLKWALEEYLDEF DPCHCRPCQNGGLATVEGTHCLCHCKPYTFGAACEQGVLVGNQAGGVDGGWSCWSSWSPCV QGKKTRSRECNPPPSGGGRSCVGETTESTQCEDEELEHLRLLEPHCFPLSLVPTEFCPSPPAL KDGfVQDEGTMFPVGKNVVYTCNEGYSIGNPVARCGEDLRWLVGEMHCQKIACVLPVLMGDIQ SHPQKPFYTVGEKVTVSCSGGMSLEGPSAFLCGSSSLKWSPKMNARCVQKENPLTQAVPKCQ RWEKLQNSRCVCKMPYECGPSLDVCAQDERSKRILPLTVCKMHVLCQGRNYTLTGRDSCTLP ASAEKACGACPLWGKCDAESSKCVCREASECEEEGFSICVEVNGKEQTMSECEAGALRCRGQ SISVTSIRPCAAETQ
Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (74)
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 (Tissue lysate)

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[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of C7 expression in transfected 293T cell line ([H00000730-T02](#)) by C7 MaxPab polyclonal antibody.

Lane 1: C7 transfected lysate(93.50 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — C7

Entrez GeneID [730](#)

GeneBank Accession#	NM_000587.2
Protein Accession#	NP_000578.2
Gene Name	C7
Gene Alias	-
Gene Description	complement component 7
Omim ID	217070 610102
Gene Ontology	Hyperlink
Gene Summary	C7 is a component of the complement system. It participates in the formation of Membrane Attack Complex (MAC). People with C7 deficiency are prone to bacterial infection. [provided by RefSeq]
Other Designations	complement component C7

Publication Reference

- [Plasma complement C7 as a target in non-small cell lung cancer patients to implement 3P medicine strategies.](#)

Jae Gwang Park, Beom Kyu Choi, Youngjoo Lee, Eun Jung Jang, Sang Myung Woo, Jun Hwa Lee, Kyung-Hee Kim, Heeyoun Hwang, Wonyoung Choi, Se-Hoon Lee, Byong Chul Yoo.

The EPMA Journal 2021 Nov; 12(4):629.

Application: WB, Mouse, Mouse serum

- [CRISPR/Cas9-Based Cellular Engineering for Targeted Gene Overexpression.](#)

Osborn MJ, Lees CJ, McElroy AN, Merkel SC, Eide CR, Mathews W, Feser CJ, Tschann M, McElmury RT, Webber BR, Kim CJ, Blazar BR, Tolar J.

International Journal of Molecular Sciences 2018 Mar; 19(4):E946.

Application: WB-Ce, Human, Keratinocytes, T cells

- [Methods for predicting rheumatoid arthritis treatment response.](#)

Olivier Vittecoq, Thierry Lequerre, Pascal Cosette, Olivier Boyer, Xavier Le Loet, Julie Hardouin, Antoine Obry.

United States Patent Application Publication 2016 May; [Epub].

Application: ELISA, Human, Serum

Pathway

- [Complement and coagulation cascades](#)

- [Prion diseases](#)
- [Systemic lupus erythematosus](#)

Disease

- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
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- [Macular Degeneration](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)