



Anti-C3 (aa 1534-1644) polyclonal antibody (DPAB-DC3105)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Complement component C3 plays a central role in the activation of complement system. Its activation is required for both classical and alternative complement activation pathways. People with C3 deficiency are susceptible to bacterial infection.
Immunogen	C3 (NP_000055, 1534 a.a. ~ 1644 a.a) partial recombinant protein with GST tag. The sequence is DKACEPGVDYVYKTRLVKVQLSNDFDEYIMAIEQTIKSGSDEVQVGQQRTFISPIKCREA LKLEEKHHYLMWGLSSDFWGEKPNLNSYIIGKDTWVEHWPEEDECQDEENQK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	C3 complement component 3 [Homo sapiens (human)]
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Official Symbol	C3
Synonyms	C3; complement component 3; ASP; C3a; C3b; AHUS5; ARMD9; CPAMD1; HEL-S-62p; complement C3; prepro-C3; C3a anaphylatoxin; complement component C3; complement component C3a; complement component C3b; acylation-stimulating protein cleavage product; epididymis secretory sperm binding protein Li 62p; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 1;
Entrez Gene ID	718
Protein Refseq	NP_000055
UniProt ID	P01024
Chromosome Location	19p13.3-p13.2
Pathway	Activation of C3 and C5; Alternative complement activation; Chagas disease (American trypanosomiasis); Complement Activation, Classical Pathway
Function	C5L2 anaphylatoxin chemotactic receptor binding; endopeptidase inhibitor activity; protein binding; receptor binding
