



# Anti-Anthrax LF (aa 47-65) polyclonal antibody (DPAB4255)

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

## PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Anthrax LF
Immunogen	The antibody was developed by immunizing rabbits with synthetic peptides corresponding to amino acids 47-65 of the Anthrax LF protein (~90 kD).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	N/A
Conjugate	Unconjugated
Applications	WB
Size	200 µl
Preservative	None
Storage	Store at 4°C, stable for 6 months. For long-term storage, store at -20°C.

## BACKGROUND

Introduction	Anthrax PA (Protective Antigen) and Anthrax LF (Lethal Factor), along with Anthrax EF (Edema Factor), are toxins produced by <i>Bacillus anthracis</i> . All three of the proteins must be present for toxicity to occur. It begins with the binding of PA to its cell-surface receptor, ATR (Anthrax Toxin Receptor), at which point PA is cleaved and the resulting 63 kD carboxyl-terminal fragment binds to LF and EF. LF is a protease that is known to cleave members of the mitogen-activated protein kinase kinase (MAPKK) family
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**Keywords**

Anthrax; B. anthracis; Prot. Ag; anthrax PA; Anthrax toxins translocating protein; PA 83; PA; PA83; Pag; PagA; Protective antigen; Anthrax toxin

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