



Anti-Lysenin polyclonal antibody (DPAB21490H)

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

PRODUCT INFORMATION

Product Overview	Rabbit Anti-Lysenin Polyclonal Antibody
Target	Lysenin
Immunogen	Lysenin (Carrier-free)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	N/A
Conjugate	Unconjugated
Size	50 µl
Preservative	None
Storage	-20 °C, Avoid freeze / thaw cycles

BACKGROUND

Introduction	Lysenin, a novel 41-kDa protein purified from coelomic fluid of the earthworm <i>Eisenia foetida</i> , induced erythrocyte lysis. Preincubation of lysenin with vesicles containing sphingomyelin inhibited lysenin-induced hemolysis completely, whereas vesicles containing phospholipids other than sphingomyelin showed no inhibitory activity, suggesting that lysenin bound specifically to sphingomyelin on erythrocyte membranes. The specific binding of lysenin to sphingomyelin was confirmed by enzyme-linked immunosorbent assay, TLC immunostaining, and liposome lysis assay. In these assays, lysenin bound specifically to sphingomyelin and did
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not show any cross-reaction with other phospholipids including sphingomyelin analogs such as sphingosine, ceramide, and sphingosylphosphorylcholine, indicating that it recognized a precise molecular structure of sphingomyelin.

Keywords

Lysenin antibody; Rabbit Anti-Lysenin Polyclonal Antibody; Anti-Lysenin Polyclonal Antibody; Lysenin Polyclonal Antibody Rabbit Anti-Lysenin PAb; Anti-Lysenin PAb; Lysenin PAb; Rabbit Anti-Lysenin Antibody; Anti-Lysenin Antibody; Lysenin Antibody
