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S. Aureus Delta Hemolysin Antibody

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP15024a

Product Information

Application	WB, E
Primary Accession	P0C1V1
Reactivity	S. Aureus
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB33802
Calculated MW	2979
Antigen Region	1-30

Additional Information

Gene ID	98347068
Other Names	Delta-hemolysin, Delta-lysin, Delta-toxin, hld
Target/Specificity	This Delta Hemolysin Antibody is generated from rabbits immunized with KLH conjugated peptide 1-30aa from delta hemolysin protein of saphylococcus aureus.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	S. Aureus Delta Hemolysin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

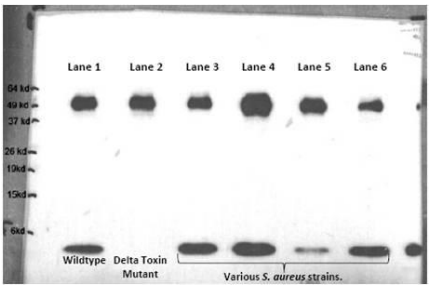
Protein Information

Name	hld
Function	Lyses erythrocytes and many other mammalian cells.
Cellular Location	Secreted. Host cell membrane. Note=In infected cells, it is found in the membrane

Background

Bacterial toxin that lyses erythrocytes and many other mammalian cells.

Images



WB analysis of Delta Hemolysin antibody. Lane 1 is a wildtype S. aureus strain. Lane 2 is an isogenic delta toxin mutant. Lanes 3-6 represent various S. aureus clinical isolates. The low MW band is delta toxin (absent in the mutant) and the higher MW band is protein A.

Citations

- The Staphylococcus epidermidis agr quorum-sensing system: signal identification, cross-talk, and importance in colonization.
- Staphylococcus aureus N-terminus formylated δ-toxin tends to form amyloid fibrils, while the deformylated δ-toxin tends to form functional oligomer complexes

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.