

Product datasheet

Anti-Cbla antibody ab13961

1 References

Overview

Product name	Anti-Cbla antibody
Description	Rabbit polyclonal to Cbla
Host species	Rabbit
Species reactivity	Burkholderia cepacia genomovar III
Immunogen	Recombinant CbIA protein (from <i>Burkholderia cepacia</i>) expressed in <i>E. coli</i> .

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Application notes	WB: 1/1000. Detects a band of approximately 20 kDa. This antibody was tested against the recombinant protein used as immunogen. We have no data on the detection of Cb1a when using bacteria lysates. Not yet tested in other applications. Optimal dilutions/concentrations should be determined by the end user.
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Target

Relevance	Cbla is a major component of Burkholderia cepacia cable pili. These are surface adhesion structures believed to play a major role in enabling these bacteria to colonise the lungs of patients with cystic fibrosis. The genetic locus required for cable pilus biogenesis is comprised
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of at least five genes, designated cbIB, cbIA, cbIC, cbID, and cbIS 1.

Cellular localization

Cell wall.

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