



# Rabbit Anti Cockroach Bla g 1 polyclonal antibody (CABT-L078)

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

## PRODUCT INFORMATION

<b>Specificity</b>	The pAb contains IgG antibodies to Bla g 1 and does not react with Bla g 2.
<b>Target</b>	Bla g 1
<b>Immunogen</b>	Recombinant Bla g 1
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Cockroach
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	PBS pH 7.4, containing 1%BSA/ 50%glycerol/PBS.
<b>Preservative</b>	None
<b>Storage</b>	Store at 4°C.

## BACKGROUND

<b>Introduction</b>	Bla g 1 is an allergen associated with the cockroach B. germanica. Its allergenic nature may trigger allergic reactions in susceptible individuals. Allergen levels may be quantified by ELISA.
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Sensitive individuals have allergic responses to this protein which is thought to play a role in the digestive system of the insect. The cockroach allergen (Bla g1) has been shown that it can cause sensitization at approximately 1 U/g house dust and can cause asthma symptoms in sensitive individuals at concentrations as low as 8 U/g.

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**Keywords**

Cockroach allergen; Blattella germanica Periplaneta americana allergen; Per a 1; Asthma; Indoor environmental allergen

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## GENE INFORMATION

**UniProt ID**

[Q9UAM5](#)

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