



# Rabbit Anti-Mite Gly d 2 Polyclonal Antibody (CABT-YN1485)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Binds to species specific epitopes present on Glycyphagus domesticus allergen, Gly d 2.
<b>Target</b>	Mite Gly d 2
<b>Immunogen</b>	Gly d 2
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Glycyphagus domesticus
<b>Purification</b>	Affinity chromatography using recombinant Protein G.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA Recommended dilution: ELISA: 1:1000 Final working dilutions must be determined by end user.
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µl
<b>Buffer</b>	In phosphate buffered saline, pH 7.2, 0.22µm filtered, preservative free.
<b>Preservative</b>	None
<b>Storage</b>	Store at 4°C

## BACKGROUND

### Introduction

Egg white of chicken (*Gallus domesticus*) constitutes the albumin portion present in the egg. It primarily contains water (approximately 88%) and more than 20 glycoproteins (like ovalbumin), fibrous structural proteins (ovomucins), antibacterial proteins (lysozyme), and peptides. Egg white is regarded as the principal source of allergen; the egg white proteins are potentially more allergenic compared to protein derived from egg yolk. The major allergens found in egg white include ovomucoid (Gal d 1), ovalbumin (Gal d 2), ovotransferrin (Gal d 3), and lysozyme (Gal d 4). Globally, eggs have been extensively utilized in food products like bread, egg noodles, pancakes, waffles, cakes, French toast, tea-boiled egg, and others.

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### Keywords

Gly d2; Gly d 2; Glycyphagus domesticus

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## GENE INFORMATION

### Protein Refseq

None

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