



# Rabbit Anti-Dog Can f 1 Polyclonal Antibody (CABT-YN1489)

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

## PRODUCT INFORMATION

<b>Specificity</b>	The antiserum contains IgG antibodies to dog Canis familiaris allergen, Can f 1, as well as IgG antibodies to other dog allergens.
<b>Target</b>	Dog Can f 1
<b>Immunogen</b>	Dog fur extract, Can f 1
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Canis familiaris (C. lupus familiaris)
<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>	Prepared in 1% BSA/50% glycerol/PBS, pH 7.4, 0.22 µm filtered, preservative free.
<b>Preservative</b>	None

<b>Storage</b>	Store at 4°C
----------------	--------------

<b>Ship</b>	Wet ice
-------------	---------

## BACKGROUND

### Introduction

Canis familiaris allergen 1 (Can f 1) is a salivary lipocalin protein and one of the major allergens present in dog hair and dander extracts. Can f 1 is found in all homes with dogs and in one-third of homes without dogs, and approximately half of all dog-allergic individuals have IgE directed exclusively to Can f 1. Increasing sensitization to Can f 1 is strongly associated with increasing severity and persistence of asthma symptoms in children and adults. In molecular diagnostics, recombinant Can f 1 is immunologically concordant with the natural allergen and can be reliably used to identify dog-allergic individuals sensitized to Can f 1.

### Keywords

Can f1; Can f 1; Canis familiaris; C. lupus familiaris

## GENE INFORMATION

### Protein Refseq

None