



Rabbit Anti-Cat Fel d 1 Polyclonal Antibody (CABT-YN1483)

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

PRODUCT INFORMATION

Specificity	The antiserum contains IgG antibodies to Fel d 1 as well as IgG antibodies to other cat allergens.
Target	Cat Fel d 1
Immunogen	FEL D1 (peptide)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Felis domesticus
Purification	Affinity chromatography using recombinant Protein G.
Conjugate	Unconjugated
Applications	ELISA 1:10,000 WB 1:500 Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Liquid
Concentration	Lot specific
Size	100 µl
Buffer	The antiserum has been diluted in phosphate buffered saline containing 1% BSA 50% glycerol PBS, pH 7.4

Preservative	None
Storage	Store at -20°C
Ship	Dry ice

BACKGROUND

Introduction	<p>Sensitization to the cat is strongly associated with asthma, especially in environments free of mite and cockroach. Children with cat allergy and problematic severe asthma have higher levels of IgE antibodies towards cats compared with children with controlled asthma. Severe asthma can be caused by multiple sensitizations to lipocalins (Fel d 4) and uteroglobins (Fel d 1) Pork/cat syndrome or allergy to cat dander and pork meat can be mediated by cross-reactive antibodies against pork serum albumin and cat serum albumin (Fel d 2). It has been documented that Fel d 1 becomes airborne very easily and then is carried by small particles, which in turn transfers it to environments that have not had any exposure to a cat. The concentration in such environments has been at levels that exceed the proposed sensitization threshold of 8 µg/gm.</p>
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Keywords	Fel d1; Fel d 1; Felis domesticus
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GENE INFORMATION

Protein Refseq	None
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