



Rabbit Anti-*A. fumigatus* Asp f 1 Polyclonal Antibody (CABT-YN1479)

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

PRODUCT INFORMATION

Specificity	The pAb contains IgG antibodies to Asp f 1 as well as IgG antibodies to other <i>Aspergillus</i> allergens.
Target	<i>A. fumigatus</i> Asp f 1
Immunogen	Partially purified Asp f 1 (a fraction eluted with 2M NaCl from a phenyl-sepharose column)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	<i>Aspergillus fumigatus</i>
Conjugate	Unconjugated
Applications	ELISA Recommended dilution: ELISA: 1:1000 Final working dilutions must be determined by end user.
Format	Liquid
Concentration	Lot specific
Size	100 µl
Buffer	The pAb is in phosphate buffered saline, pH 7.4, containing 1% BSA 50% glycerol/PBS.
Preservative	None
Storage	Store at 4°C

BACKGROUND

Introduction Asp f 1, the ribonuclease mitogillin, a member of the ribotoxin family, is a major allergen of and marker of genuine sensitization to the ubiquitous environmental mold Aspergillus fumigatus (A. fumigatus), associated to allergic fungal airway diseases (AFAD) affecting upper and lower airways, such as allergic fungal rhinosinusitis (AFRS), severe asthma with fungal sensitization (SAFS), and allergic bronchopulmonary aspergillosis (ABPA). Asp f 1, a secreted protein, exerts cytotoxic and proinflammatory effects.

Keywords Asp f1; Asp f 1; ribonuclease mitogillin; ribotoxin family; Aspergillus fumigatus

GENE INFORMATION

Protein Refseq None