



Rabbit Anti-Peanut Ara h 1 Polyclonal Antibody (CABT-YN1481)

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

PRODUCT INFORMATION

Specificity	Binds to species specific epitopes present on Arachis hypogaea allergen, Ara h 1.
Target	Peanut Ara h 1
Immunogen	Ara h 1
Source/Host	Rabbit
Species Reactivity	Arachis hypogaea
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	In phosphate buffered saline, pH 7.4, 0.22µm filtered, preservative free.
Preservative	None
Storage	Maintain at 4°C for up to 12 months
Ship	Wet ice

BACKGROUND

Introduction 11 allergens have been identified in peanuts. Ara h 1, Ara h 3, and Ara h 4 belong to the cupin superfamily, Ara h 2, Ara h 6, and Ara h 7 to the prolamin superfamily; Ara h 5 (profilins) and Ara h 8 (superfamily of Bet v 1-homologous proteins) are associated with aeroallergens. Peanut lipid transfer proteins (LTP) and two peanut oleosins are listed as Ara h 9, Ara h 10, and Ara h 11 by the IUIS Allergen Nomenclature Subcommittee. Peanut agglutinin (PNA) and a third oleosin have been shown to possess allergenic properties. The effect of the above specified allergens has to be considered in the context of their matrix, which is influenced by processing factors.

Keywords Ara h1; Ara h 1; cupin superfamily; prolamin superfamily; profilins; superfamily of Bet v 1-homologous proteins; Peanut lipid transfer proteins; LTP; oleosin; Arachis hypogaea

GENE INFORMATION

Protein Refseq None