



Rabbit Anti-Peanut Ara h 2 Polyclonal Antibody (CABT-YN1486)

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

PRODUCT INFORMATION

Specificity	The antiserum contains IgG antibodies to Ara h 2.
Target	Peanut Ara h 2
Immunogen	Natural Ara h 2
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arachis hypogaea (Peanut, groundnut)
Purification	Affinity chromatography using recombinant Protein G.
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 antiserum has been diluted in phosphate buffered saline containing 1% BSA 50% glycerol PBS, pH 7.4
Preservative	None

Storage	Store at 4°C
----------------	--------------

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 h2; Ara h 2; cupin superfamily; prolamin superfamily; profilins; superfamily of Bet v 1-homologous proteins; Peanut lipid transfer proteins; LTP; oleosin; Arachis hypogaea (Peanut, groundnut)
-----------------	---

GENE INFORMATION

Protein Refseq	None
-----------------------	------