



Rabbit Anti-Ragweed Amb a 1 Polyclonal Antibody (CABT-YN1480)

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

PRODUCT INFORMATION

Target	Ragweed Amb a 1
Source/Host	Rabbit
Species Reactivity	Ambrosia artemisiifolia
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
Preservative	None
Storage	Store at 4°C
Ship	Wet ice

BACKGROUND

Introduction Amb a 1 is a pectate lyase from short ragweed (*Ambrosia artemisiifolia*) pollen. Amb a 1 is a marker of sensitization to ragweed pollen. It displays limited cross-reactivity mainly within the

Asteraceae pollen, with pectate lyase Art v 6 from mugwort (*Artemisia vulgaris*) and Hel a 6 from sunflower pollen. Amb a 1 sensitization is observed in 95% - 97% of ragweed-allergic patients. In areas with high exposure to both *Ambrosia* sp and *Artemisia* sp (mugwort), the prevalence of Amb a 1 sensitization may be unrelated to the prevalence of sensitization to the corresponding pollen extract, because of primary sensitization to *Artemisia* and cross-reactivity between the whole allergen extracts.

Keywords

Amb a1; Amb a 1; pectate lyase; short ragweed; *Ambrosia artemisiifolia*; ragweed pollen; *Ambrosia artemisiifolia*

GENE INFORMATION

Protein Refseq

None
