

ANTIGENIX AMERICA Inc.

PRODUCT INFORMATION SUMMARY

Anti-Apo-E3 (Polyclonal)

Polyclonal Antibody	Product Number	RHF335	100.0 ug
Biotin Conjugate	Product Number	RHF335B	50.0 ug

* ANTIGEN-AFFINITY Purified

SPECIFICITY:

Rabbit polyclonal antibodies specific for human Apo-E3, produced from highly purified recombinant human Apo-E3 immunogen (34.4 kDa). Apo-E3 binds to lipoprotein and is involved in lipid metabolism.

Antiserum fraction purified by **Antigen-Affinity** chromatography to produce highly specific, high titre preparation.

SOURCE: Rabbit antiserum IgG, sterile-filtered, lyophilized in PBS, pH7.4.

RESEARCH APPLICATIONS:

Identification of human Apo-E3 in body fluids and tissue sections.

ELISA: Antibody concentration of 1.0 ug/mL (100 uL/well) in ELISA to detect 0.4 ng/well recombinant human Apo-E3. (Must optimize, range 0.5 - 2.0 ug/mL)

For **Biotin conjugate** use at 0.20 - 0.50 ug/mL (optimize)

NEUTRALIZING ACTIVITY: data not available at this time.

WESTERN BLOT: Antibody concentration of 0.2 ug/mL was used to detect 2.0 ng/lane of recombinant human Apo-E3 under both reducing and non-reducing conditions.

IHC: No data on file, generally these work well in frozen tissue, with paraffin staining subject to customer techniques for antigen retrieval and tissue type.

HANDLING AND STORAGE:

Purified polyclonal antibody provided lyophilized from PBS. Reconstitute in 100 uL **sterile or distilled** water.

For **Biotin conjugate**, reconstitute in 500 uL PBS **containing 0.1% BSA**.

This is stable for one month at 4 degrees C. Small aliquots should be frozen at -20° C for long-term storage. Avoid repeat freeze-thaw cycles.

www.antigenix.com

RESEARCH USE ONLY

NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE.