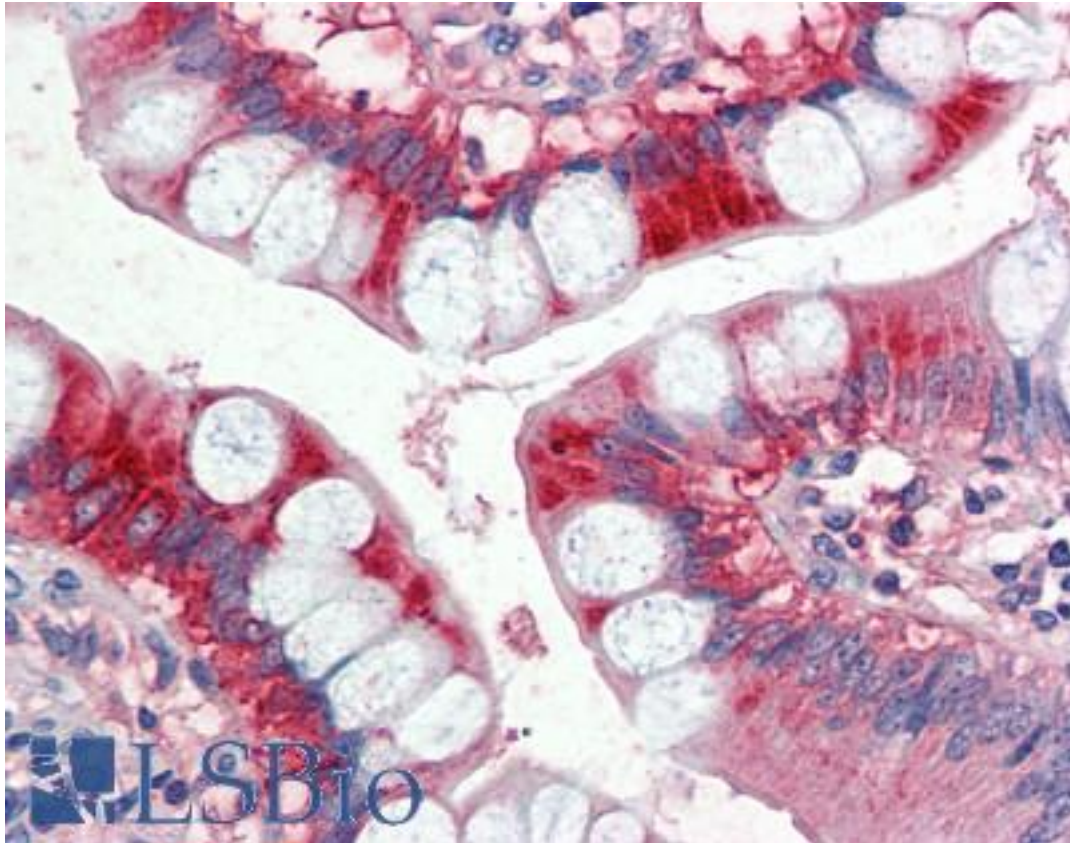


Apolipoprotein A4 / APOA4 Goat anti-Human Polyclonal (Internal) Antibody - LS-B2417 - LSBio	
<b>CatalogID:</b>	LS-B2417
<b>Validation:</b>	This antibody replaces catalog number LS-C54517. It has been validated for use in the following assays: IHC-P.
<b>Target:</b>	apolipoprotein A-IV (APOA4)
<b>Synonyms:</b>	APOA4 Antibody, Apo-AIV Antibody, Apolipoprotein A-IV Antibody, Apolipoprotein A4 Antibody, ApoA-IV Antibody
<b>Host</b>	APOA4 antibody was produced in Goat
<b>Clonality:</b>	Polyclonal
<b>Immunogen Species:</b>	Apolipoprotein A4 / APOA4 antibody was raised against Human
<b>Antigen Type:</b>	Synthetic peptide
<b>Immunogen:</b>	Apolipoprotein A4 / APOA4 antibody was raised against synthetic peptide C-KEKESQDKTSLP from an internal region (near the C-terminus) of human APOA4 (NP_000473.2). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla (100%); Gibbon, Baboon, Monkey, Galago (92%); Marmoset, Armadillo (85%).
<b>Specificity:</b>	Human APOA4.
<b>Epitope:</b>	Internal
<b>Reactivity:</b>	Human, Chimpanzee, Gorilla
<b>Predicted Reactivity:</b>	Gibbon, Monkey
<b>Purification:</b>	Immunoaffinity purified
<b>Presentation:</b>	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
<b>Recommended Storage:</b>	Store at -20°C. Minimize freezing and thawing.
<b>Usage Summary:</b>	Immunohistochemistry: LS-B2417 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B2417 was determined to be 5 ug/ml.
<b>Uses:</b>	IHC - Paraffin (5 µg/ml), Western blot (0.01 - 0.03 µg/ml), ELISA (1:32000) (Optimal dilution to be determined by the researcher)
<b>Size:</b>	50 µg
<b>Concentration:</b>	0.5 mg/ml

**Immunohistochemistry Image:**



Anti-APOA4 antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B2417 concentration 5 ug/ml.

**Western Blot Image:**



Antibody (0.01 ug/ml) staining of Human Duodenum lysate (35 ug protein in RIPA buffer).  
Primary incubation was 1 hour. Detected by chemiluminescence.

**Requested From:**

Japan

Laboratory Reagent For In Vitro Research Use Only

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