

**AP05393BT-N****Polyclonal Antibody to Human IgE - Biotin**

<b>Alternate names:</b>	Immunoglobulin E human
<b>Quantity:</b>	1 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Host / Isotype:</b>	Goat / IgG
<b>Immunogen:</b>	Native human IgE
<b>Format:</b>	<b>State:</b> Liquid purified IgG fraction. <b>Purification:</b> Affinity Chromatography <b>Buffer System:</b> PBS <b>Preservatives:</b> 0.09% Sodium Azide <b>Stabilizers:</b> 0.2% BSA <b>Label:</b> Biotin
<b>Applications:</b>	<b>ELISA:</b> 1/10,000-1/100,000. <b>Western Blot:</b> 1/10,000-1/100,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody specifically recognizes Human IgE. Minimal cross-reactivity (< 0.1%) is expected with other human immunoglobulins and light chains. Goat anti Human IgE in a biotinylated format has been successfully employed as a detection reagent in the development of a sensitive sandwich ELISA for the measurement of Human IgE. <b>Species:</b> Human and Rhesus Monkey. Other species not tested.
<b>Storage:</b>	Store undiluted at 2-8°C. <b>DO NOT FREEZE!</b> Shelf life: one year from despatch.
<b>General Readings:</b>	1. Khan FM, Ueno-Yamanouchi A, Serushago B, Bowen T, Lyon AW, Lu C, et al. Basophil activation test compared to skin prick test and fluorescence enzyme immunoassay for aeroallergen-specific Immunoglobulin-E. Allergy Asthma Clin Immunol. 2012 Jan 20;8(1):1. doi: 10.1186/1710-1492-8-1. PubMed PMID: 22264407. 2. Pinot de Moira, A. (2012) Childhood schistosome and hookworm co-infections: effects of treatment on IgE responses against parasite allergen-like proteins and immunity to reinfection. Infect Immun. Oct 15. [Epub ahead of print]