



Anti-Human IgE polyclonal antibody (CPBT-65485GH)

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

PRODUCT INFORMATION

Product Overview This product recognizes human IgE, the least abundant immunoglobulin class, and found only in mammals. IgE plays an important role in allergic responses, particularly type 1 hyposensitivity. It is also implicated in immune responses to parasitic worms such as Schistosoma, Trichinella and Fasciola species and with protozoan parasites such as Plasmodium falciparum. This reagent is available in bulk quantities and may be made available in other formats.

Specificity	IGHE
Immunogen	Purified human IgE
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Conjugate	Unconjugated
Applications	Turbidimetry
Format	Serum - liquid
Size	1 ml
Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	IGHG immunoglobulin heavy constant epsilon [Homo sapiens (human)]
Official Symbol	IGHG
Synonyms	IGHG; immunoglobulin heavy constant epsilon; IgE;
Entrez Gene ID	3497
UniProt ID	P01854
Chromosome Location	14q32.33
Pathway	FCERI mediated Ca+2 mobilization; FCERI mediated MAPK activation; FCERI mediated NF-kB activation; Fc epsilon receptor (FCERI) signaling; Fc-epsilon receptor I signaling in mast cells; IL4-mediated signaling events; Immune System; Innate Immune System;
Function	antigen binding;