



Anti-Rat IgG polyclonal antibody [Biotin] (CPBT-65997GR)

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

PRODUCT INFORMATION

Product Overview	This product is specific for the heavy and light chains of rat IgG. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-goat serum, rat IgG and rat serum.
Specificity	IgG
Immunogen	Rat IgG, whole molecule
Isotype	IgG
Source/Host	Goat
Species Reactivity	Rat
Conjugate	Biotin
Applications	IHC-Fr; ELISA; WB
Procedure	Secondary Antibodies
Format	Purified IgG conjugated to Biotin - lyophilised
Size	2 mg
Preservative	0.01% Sodium Azide
Storage	in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Warnings	For research purposes only

GENE INFORMATION

Gene Name	Ighg Immunoglobulin heavy chain (gamma polypeptide) [Rattus norvegicus (Norway rat)]
Official Symbol	Ighg
Synonyms	Ighg; Immunoglobulin heavy chain (gamma polypeptide); LOC362795; immunoglobulin G heavy chain; IGG;
Entrez Gene ID	299354
UniProt ID	P20759
Chromosome Location	6q32
Pathway	Classical antibody-mediated complement activation; Complement cascade; Creation of C4 and C2 activators; FCGR activation; Fcgamma receptor (FCGR) dependent phagocytosis; Immune System; Initial triggering of complement; Innate Immune System; Regulation of actin dynamics for phagocytic cup formation; Role of phospholipids in phagocytosis;
Function	antigen binding