



Anti-IgG polyclonal antibody [HRP] (CPBT-66024RA)

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

PRODUCT INFORMATION

Product Overview	Sera from rabbits hyperimmunised with highly purified rat IgG was affinity purified on a rat IgG column. Digestion to F(ab)2 with pepsin was then performed, the resulting fragments were conjugated to horseradish peroxidase using the periodate method. Cross reactivity is observed with mouse IgG but may be blocked by the addition of 10% mouse serum.
Specificity	IgG
Immunogen	Purified rat immunoglobulin G
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Rat, Mouse
Conjugate	HRP
Applications	IHC-Fr; ELISA; IHC-P; IHC-R
Size	1 mg
Preservative	None
Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name [Ighg Immunoglobulin heavy chain \(gamma polypeptide\) \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol	Ighg
Synonyms	IGHG; Immunoglobulin heavy chain (gamma polypeptide); RGD1359539; IGG;
Entrez Gene ID	299354
UniProt ID	P20760
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