



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

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

## PRODUCT INFORMATION

<b>Product Overview</b>	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.
<b>Specificity</b>	IgG
<b>Immunogen</b>	Purified rat immunoglobulin G
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Rat, Mouse
<b>Conjugate</b>	HRP
<b>Applications</b>	IHC-Fr; ELISA; IHC-P; IHC-R
<b>Size</b>	1 mg
<b>Preservative</b>	None
<b>Storage</b>	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 \(Norway rat\) \]](#)

<b>Official Symbol</b>	Ighg
<b>Synonyms</b>	IGHG; Immunoglobulin heavy chain (gamma polypeptide); RGD1359539; IGG;
<b>Entrez Gene ID</b>	<a href="#">299354</a>
<b>UniProt ID</b>	P20760
<b>Chromosome Location</b>	6q32
<b>Pathway</b>	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;
<b>Function</b>	antigen binding