

Rabbit anti-Human CD3G Polyclonal Antibody | anti-CD3G antibody

Anti-CD3G Antibody, Rabbit Polyclonal

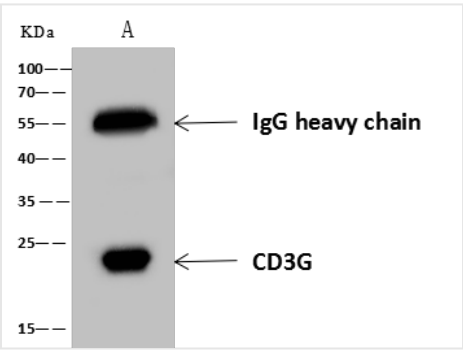
CATALOG # AAA257507	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

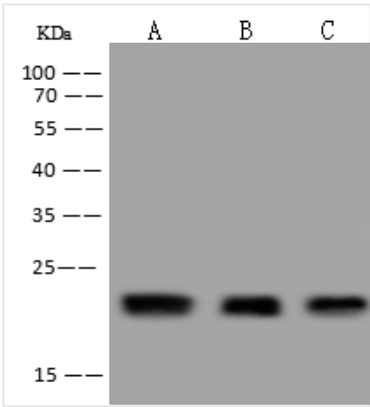
CD3G; Polyclonal Antibody; Anti-CD3G Antibody; Rabbit Polyclonal; CD3G Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-CD3-GAMMA Antibody; Anti-IMD17 Antibody; Anti-T3G Antibody; CD3g molecule; gamma (CD3-TCR complex); anti-CD3G antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CD3G
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid. 0.2um filtered solution in PBS
Applicable Applications for anti-CD3G antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human CD3G
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human CD3G, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.



IP (Immunoprecipitation)
CD3G was immunoprecipitated using: Lane A: 0.5 mg Jurkat Whole Cell Lysate 4 uL anti- CD3G rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti- CD3G rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti- Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 20 kDa. Observed band size: 20 kDa.



WB (Western Blot)
Anti-CD3G rabbit polyclonal antibody at 1:500 dilution. Lane A: Jurkat Whole Cell Lysate. Lane B: HuT-78 Whole Cell Lysate. Lane C: HL-60 Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 20 kDa. Observed band size: 20 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CD3G antibody	Background: CD3G gene encodes CD3-gamma polypeptide, which together with CD3-epsilon, -delta, and -zeta, and the TCR alpha/beta and gamma/delta heterodimers, forms the TCR-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. The CD3 gamma chain has long been considered to mediate targeting to lysosomes for degradation. Defects in this gene are associated with T cell immunodeficiency. Further, it has been proposed as one of the important candidate genes for cancer development due to its pivotal roles in TCR signaling pathway.
Product Categories/Family for anti-CD3G antibody	ITIM/ITAM Immunoreceptors and Related Molecules; T Cell Receptor Signaling Pathway
References	Jiang L, Xu J, Ni J, et al. A Functional Insertion/Deletion Polymorphism in the Proximal Promoter of CD3G Is Associated with Susceptibility for Hepatocellular Carcinoma in Chinese Population. DNA and Cell Biology.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.