



# CD3G Polyclonal Antibody

|                           |  |
|---------------------------|--|
| <b>Catalog No</b>         | YP-Ab-07692  |
| <b>Isotype</b>            | IgG  |
| <b>Reactivity</b>         | Human;Mouse;Rat  |
| <b>Applications</b>       | WB;ELISA   |
| <b>Gene Name</b>          | CD3G T3G   |
| <b>Protein Name</b>       | T-cell surface glycoprotein CD3 gamma chain (T-cell receptor T3 gamma chain)<br>(CD antigen CD3g)  |
| <b>Immunogen</b>          | Synthesized peptide derived from part region of human protein  |
| <b>Specificity</b>        | CD3G Polyclonal Antibody detects endogenous levels of protein.   |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.   |
| <b>Source</b>             | Polyclonal, Rabbit,IgG   |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| <b>Dilution</b>           | WB 1:500-2000 ELISA 1:5000-20000   |
| <b>Concentration</b>      | 1 mg/ml  |
| <b>Purity</b>             | ≥90%   |
| <b>Storage Stability</b>  | -20°C/1 year   |
| <b>Synonyms</b>           |  |
| <b>Observed Band</b>      | 20kD   |
| <b>Cell Pathway</b>       | Cell membrane ; Single-pass type I membrane protein.   |
| <b>Tissue Specificity</b> | T-cell,Thymus,   |
| <b>Function</b>           | domain:A di-leucine motif and a tyrosine-based motif are individually sufficient to induce both endocytosis and delivery to lysosomes.,function:The CD3 complex mediates signal transduction.,online information:CD3 receptor entry,online information:CD3G mutation db,similarity:Contains 1 Ig-like (immunoglobulin-like) domain.,similarity:Contains 1 ITAM domain.,subunit:The TCR/CD3 complex of T-lymphocytes consists of either a TCR alpha/beta or TCR gamma/delta heterodimer coexpressed at the cell surface with the invariant subunits of CD3 labeled gamma, delta, epsilon, zeta, and eta., |
| <b>Background</b>         | The protein encoded by this gene is the CD3-gamma polypeptide, which together with CD3-epsilon, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. The genes encoding the epsilon, gamma and delta polypeptides are located in the same cluster on chromosome 11. Defects in this gene are associated with T cell immunodeficiency. [provided by  |



RefSeq, Jul 2008],

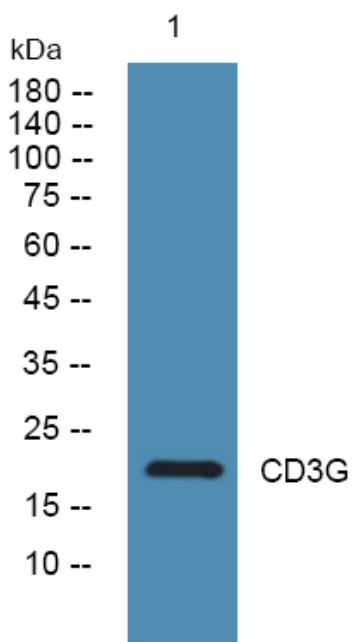
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



Western blot analysis of lysates from A431 cells, primary antibody was diluted at 1:1000, 4° over night