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# LY6G6F Rabbit pAb

Catalog # AP97417

## Product Information

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| **Application** | IHC-P, IHC-F, IF, E |
| **Primary Accession** | Q5SQ64 |
| **Other Accession** | Q5SQ64 |
| **Predicted** | Human |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 32465 |
| **Physical State** | Liquid |
| **Immunogen** | KLH conjugated synthetic peptide derived from human LY6G6F |
| **Epitope Specificity** | 101-200/279 |
| **Isotype** | IgG |
| **Purity** | affinity purified by Protein A |
| **Buffer** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| **SIMILARITY** | Contains 1 Ig-like V-type (immunoglobulin-like) domain. |
| **Post-translational modifications** | modificationsN-glycosylated. |
| **Important Note** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| **Background Descriptions** | lymphocyte antigen 6 complex locus protein G6f is a single-pass type I membrane protein belonging to the immunoglobulin (Ig) superfamily. Located in the class III region of the major histocompatibility complex (MHC), the G6f gene lies in a cluster of genes encoding cell-surface proteins that play a role in the immune system and cellular recognition. G6f functions as a downstream effector of GRB2 and GRB7, and, in humans, it interacts with GRB2 and GRB7 through the phosphorylation of a tyrosine residue (Tyr 281) in the intracellular tail of G6f. This interaction is also mediated by the SH2 domain of GRB2 and possibly that of GRB7. G6f is a 297 amino acid protein, and it forms a disulfide-linked homodimer. |

## Additional Information

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| **Gene ID** | 259215 |
| **Other Names** | C6orf21; G6f; LY6G6; LY6G6D; NG32; LY66F_HUMAN; LY6G6F; Q7Z5H2_HUMAN; LY66F_RAT; lymphocyte antigen 6 family member G6F; chromosome 6 open reading frame 21; lymphocyte antigen 6 complex, locus G6F |
| **Dilution** | IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000 |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody |

is stable for at least two weeks at 2-4 °C.

## Protein Information

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| **Name** | LY6G6F |
| **Synonyms** | C6orf21, G6F, LY6G6D, NG32 |
| **Function** | May play a role in the downstream signal transduction pathways involving GRB2 and GRB7. |
| **Cellular Location** | Cell membrane; Single-pass type I membrane protein |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.