

LY6G6F Rabbit pAb

Catalog # AP97417

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q5SQ64
Other Accession	Q5SQ64
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

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=1:500 0-10000
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

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'.