

LY6G6F Rabbit pAb

Catalog # AP98787

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q6MG56
Other Accession	Q6MG56
Predicted	Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32615
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from rat LY6G6F
Epitope Specificity	101-200/293
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	309609
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	G6f
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'.