



Rabbit Anti-LY6G6F antibody

SL20073R

Product Name:	LY6G6F
Chinese Name:	lymphocyte抗原6重复位点蛋白G6F抗体
Alias:	C6orf21; Chromosome 6 open reading frame 21; G6F; G6f protein [Precursor]; HCG43720, isoform CRA_c; LY66F_HUMAN; LY6G6D; Ly6g6f; Lymphocyte antigen 6 complex locus G6F; Lymphocyte antigen 6 complex locus protein G6f; Lymphocyte antigen 6 complex, locus G6D; NG32.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Mouse,Rat,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	32kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from rat LY6G6F:101-200/293
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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.

Function:

May play a role in the downstream signal transduction pathways involving GRB2 and GRB7.

Subcellular Location:

Cell membrane.

Post-translational modifications:

modificationsN-glycosylated.

Similarity:

Contains 1 Ig-like V-type (immunoglobulin-like) domain.

SWISS:

Q6MG56

Gene ID:

309609

Database links:

[Entrez Gene: 259215](#)Human

[Entrez Gene: 309609](#)Rat

[Entrez Gene: 433099](#) Mouse

[Omim: 611404](#)Human

[SwissProt: Q5SQ64](#)Human

[SwissProt: Q7Z5H2](#)Human

[SwissProt: Q6MG56](#)Rat

[Unigene: 591794](#)Human

[Unigene: 145028](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

