



## Rabbit Anti-LY6G6F antibody

SL20072R

<b>Product Name:</b>	LY6G6F
<b>Chinese Name:</b>	lymphocyte抗原6重复位点蛋白G6F抗体
<b>Alias:</b>	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.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	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.
<b>Molecular weight:</b>	32kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human LY6G6F:101-200/279
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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:**

Q5SQ64

**Gene ID:**

259215

**Database links:**

[Entrez Gene: 259215](#) Human

[Omim: 611404](#) Human

[SwissProt: Q5SQ64](#) Human

[SwissProt: Q7Z5H2](#) Human

[Unigene: 591794](#) Human

**Important Note:**

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