



Rabbit Anti-GBP7 antibody

SL13305R

Product Name:	GBP7
Chinese Name:	G蛋白Binding protein7抗体
Alias:	GBP 7; GBP4L; GTP binding protein 7; Guanine nucleotide binding protein 7; Guanylate binding protein 4 like; Guanylate binding protein 7; GBP7_HUMAN; Guanylate-binding protein 7; GTP-binding protein 7; GBP-7; Guanine nucleotide-binding protein 7; Guanylate-binding protein 4-like.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	WB=1:500-2000ELISA=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:	73kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human GBP7:451-550/638
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:	Guanylate-binding proteins, such as GBP7, are induced by interferon and hydrolyze GTP to both GDP and GMP. Function:

Hydrolyzes GTP to GMP in two consecutive cleavage reactions. Promote oxidative killing and deliver antimicrobial peptides to autophagolysosomes, providing broad host protection against different pathogen classes (By similarity).

Subcellular Location:

Membrane; Multi-pass membrane protein.

Similarity:

Belongs to the GBP family.

SWISS:

Q8N8V2

Gene ID:

388646

Database links:

[Entrez Gene: 388646](#)Human

[Entrez Gene: 229900](#)Mouse

[Omim: 612468](#)Human

[SwissProt: Q8N8V2](#)Human

[SwissProt: Q91Z40](#)Mouse

Important Note:

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