

Rabbit anti-Human, mouse GBP7 Polyclonal Antibody | anti-GBP7 antibody

GBP7 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290040	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, ELISA, Western Blot

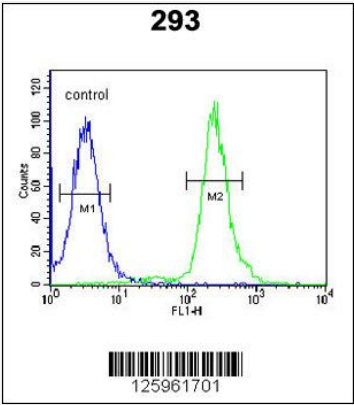
PRODUCT SYNONYMS

GBP7; Polyclonal Antibody; GBP7 Antibody (C-term); Guanylate-binding protein 7; GTP-binding protein 7; GBP-7; Guanine nucleotide-binding protein 7; Guanylate-binding protein 4-like; GBP4L; anti-GBP7 antibody

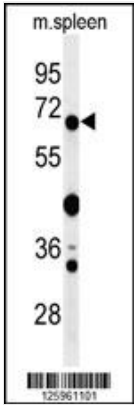
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GBP7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 520-547 amino acids from the C-terminal region of human GBP7.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	520-547
Sequence Length	638
Applicable Applications for anti-GBP7 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)
GBP7 Antibody (C-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of GBP7 Antibody (C-term) in mouse spleen tissue lysates (35ug/lane). GBP7 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-GBP7 antibody	Guanylate-binding proteins, such as GBP7, are induced by interferon and hydrolyze GTP to both GDP and GMP.
Product Categories/Family for anti-GBP7 antibody	Signal Transduction
References	Olszewski, M.A., et al. J. Interferon Cytokine Res. 26(5):328-352(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	148234215
NCBI GeneID	388646
NCBI Accession #	NP_997281.2
NCBI GenBank Nucleotide #	NM_207398.2
UniProt Accession #	Q8N8V2
Molecular Weight	72513
NCBI Official Full Name	guanylate-binding protein 7
NCBI Official Synonym Full Names	guanylate binding protein 7
NCBI Official Symbol	GBP7
NCBI Official Synonym Symbols	GBP4L
NCBI Protein Information	guanylate-binding protein 7
UniProt Protein Name	Guanylate-binding protein 7
UniProt Gene Name	GBP7
UniProt Synonym Gene Names	GBP4L; GBP-7
UniProt Entry Name	GBP7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

