

Rabbit anti-Human GBP3 Polyclonal Antibody | anti-GBP3 antibody

GBP3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324780	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

GBP3; Polyclonal Antibody; GBP3 Antibody; DKFZp686E0974; DKFZp686L15228; FLJ10961; GBP 3; GBP-3; GBP3_HUMAN; GTP binding protein 3; GTP-binding protein 3; Guanine nucleotide binding protein 3; Guanine nucleotide-binding protein 3; Guanylate binding protein 3; Guanylate-binding protein 3; guanylate-binding protein 3 delta C; SPG3A; anti-GBP3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	GBP3 antibody detects endogenous levels of total GBP3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	544
Applicable Applications for anti-GBP3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Membrane.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324780 staining HT29 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from COLO cells using GBP3 antibody., The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-GBP3 antibody	Function: Exhibits antiviral activity against influenza virus. Subunit Structure: Heterodimer with other family members, including GBP1, GBP2 and GBP5 (PubMed:21151871). Dimerization regulates subcellular location. Similarity: Belongs to the TRAFAC class dynamin-like GTPase superfamily. GB1/RHD3-type GTPase family. GB1 subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	983616519
NCBI GeneID	2635
NCBI Accession #	NP_001306110.1
NCBI GenBank Nucleotide #	NM_001319181.1
UniProt Accession #	Q9H0R5; Q05D54; Q5T8L8; Q5T8L9; Q6P3V3; Q9NV33; A2A317; A6NF86; B2RTW0; F8UW81
Molecular Weight	Observed: 64 kD Predicted: 69 kDa
NCBI Official Full Name	guanylate-binding protein 3 isoform 4
NCBI Official Synonym Full Names	guanylate binding protein 3
NCBI Official Symbol	GBP3
NCBI Protein Information	guanylate-binding protein 3
UniProt Protein Name	Guanylate-binding protein 3
UniProt Gene Name	GBP3
UniProt Synonym Gene Names	GBP-3

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gbp3-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324780>