

Rabbit anti-Human Interferon-induced guanylate-binding protein 1 Polyclonal Antibody | anti-GBP1 antibody

Rabbit anti-human Interferon-induced guanylate-binding protein 1 polyclonal Antibody(GBP1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119713	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot, ELISA

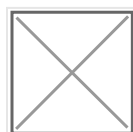
PRODUCT SYNONYMS

Interferon-induced guanylate-binding protein 1; Polyclonal Antibody; Rabbit anti-human Interferon-induced guanylate-binding protein 1 polyclonal Antibody(GBP1); GTP-binding protein 1; GBP-1; HuGBP-1; Guanine nucleotide-binding protein 1; GBP1; anti-GBP1 antibody

PRODUCT SPECIFICATIONS

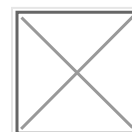
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	592
Applicable Applications for anti-GBP1 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Interferon-induced guanylate-binding protein 1 protein (383-592aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-10579 / sc-28579
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitating GBP1 in MCF-7 whole cell lysate Lane 1: Rabbit monoclonal IgG(1ug) instead of AAA119713 in MCF-7 whole cell lysate. For western blotting, a HRP-conjugated anti-rabbit IgG, specific to the non-reduced form of IgG was used as the Secondary antibody (1/50000) Lane 2: AAA119713(4ug)+ MCF-7 whole cell lysate(500ug) Lane 3: MCF-7 whole cell lysate (20ug)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human rectum using AAA119713 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsil using AAA119713 at dilution 1:100



WB (Western Blot)

All lanes: Interferon-induced guanylate-binding protein 1 antibody at 4ug/ml
Lane 1: MM231 whole cell lysate
Lane 2: HeLa whole cell lysate
Lane 3: MGF-7 whole cell lysate
Secondary: Goat polyclonal to rabbit at 1/10000 dilution
Predicted band size: 68kDa
Observed band size: 68kDa

ADDITIONAL INFORMATION

Related Product Information for anti-GBP1 antibody

Hydrolyzes GTP to GMP in two consecutive cleavage reactions. Exhibits antiviral activity against influenza virus. Promote oxidative killing and deliver antimicrobial peptides to autophagolysosomes, providing broad host protection against different pathogen classes.

NCBI AND UNIPROT INFORMATION

NCBI GI #	166706903
NCBI GeneID	2633
NCBI Accession #	NP_002044.2
NCBI GenBank Nucleotide #	NM_002053.2
UniProt Accession #	P32455 ; Q5T8M1 ; D3DT26
Molecular Weight	67,931 Da
NCBI Official Full Name	guanylate-binding protein 1
NCBI Official Synonym Full Names	guanylate binding protein 1
NCBI Official Symbol	GBP1
NCBI Protein Information	guanylate-binding protein 1
UniProt Protein Name	Guanylate-binding protein 1
UniProt Gene Name	GBP1
UniProt Synonym Gene Names	GBP-1; HuGBP-1
UniProt Entry Name	GBP1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/interferon-induced-guanylate-binding-protein-1-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/119713>