

Rabbit GBP5 Polyclonal Antibody | anti-GBP5 antibody

GBP5 Antibody

CATALOG # AAA40720	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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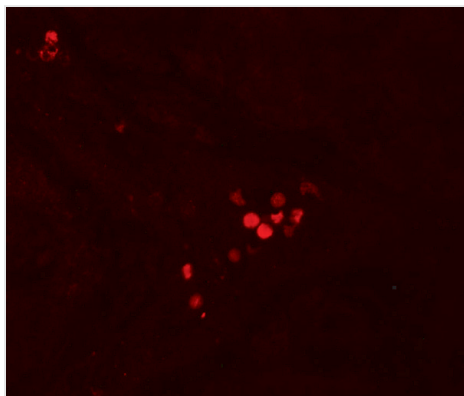
PRODUCT SYNONYMS

GBP5; Polyclonal Antibody; GBP5 Antibody; GBP-5; Guanylate-binding protein 5; GBP-TA antigen; guanylate binding protein 5; anti-GBP5 antibody

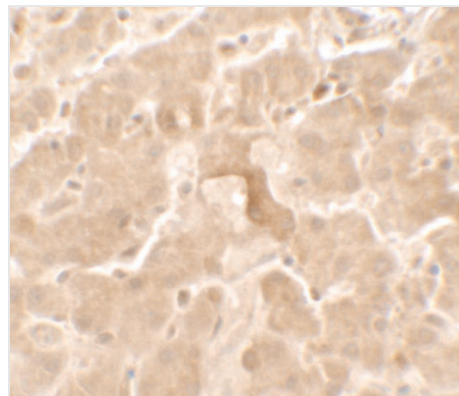
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	GBP5 antibody is predicted to not cross-react with other GBP family members.
Purity/Purification	GBP5 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	586
Applicable Applications for anti-GBP5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	GBP5 antibody was raised against a 16 amino acid peptide near the carboxy terminus of human GBP5.
Buffer	GBP5 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	GBP5 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

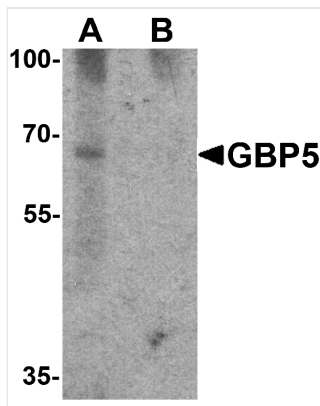
IMAGES


IF (Immunofluorescence)

Immunofluorescence of GBP5 in human liver tissue with GBP5 antibody at 20 µg/ml.


IHC (Immunohistochemistry)

Immunohistochemistry of GBP5 in human liver tissue with GBP5 antibody at 2.5 µg/ml.



WB (Western Blot)

Western blot analysis of GBP5 in rat liver tissue lysate with GBP5 antibody at 1 μg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-GBP5 antibody

GBP5 Antibody: The guanylate-binding proteins (GBPs) are a family of interferon-induced GTP-binding proteins function in innate immunity against microbial and viral pathogens. In humans, there are seven GBPs from hGBP1 to hGBP7. Human GBP1 and GBP2 have been shown to exhibit antiviral activity as well as being able to regulate the inhibition of proliferation and invasion of endothelial cells in response to interferon (IFN). GBP5 promotes selective NALP3 inflammasome responses to pathogenic bacteria and soluble but not crystalline inflammasome priming agents.

NCBI AND UNIPROT INFORMATION

NCBI GI #	16418425
NCBI GeneID	115362
NCBI Accession #	NP_443174
NCBI GenBank Nucleotide #	NM_052942.3
UniProt Accession #	Q96PP8 ; Q86TM5 ; B2RCE1
Molecular Weight	Predicted: 64 kDa Observed: 66 kDa
NCBI Official Full Name	guanylate-binding protein 5
NCBI Official Synonym Full Names	guanylate binding protein 5
NCBI Official Symbol	GBP5
NCBI Official Synonym Symbols	GBP-5
NCBI Protein Information	guanylate-binding protein 5; GBP-TA antigen; GTP-binding protein 5; guanine nucleotide-binding protein 5
UniProt Protein Name	Guanylate-binding protein 5
UniProt Gene Name	GBP5
UniProt Synonym Gene Names	GBP-5
UniProt Entry Name	GBP5_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/gbp5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40720>