

Rabbit anti-Human, Mouse GBP6 Polyclonal Antibody | anti-GBP6 antibody

GBP6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39881	Rabbit	Human, Mouse	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

GBP6; Polyclonal Antibody; GBP6 Antibody; Guanylate-binding protein 6; GTP-binding protein 6; GBP-6; guanylate binding protein family; member 6; anti-GBP6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	GBP6 antibody is predicted to not cross-react with other GBP family members.
Purity/Purification	GBP6 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	633
Applicable Applications for anti-GBP6 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	GBP6 antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of human GBP6.
Buffer	GBP6 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



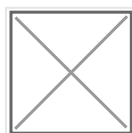
IF (Immunofluorescence)

Immunofluorescence of GBP6 in HeLa cells with GBP6 antibody at 5 μg/mL.



ICC (Immunocytochemistry)

Immunocytochemistry of GBP6 in HeLa cells with GBP6 antibody at 2.5 μg/mL.



WB (Western Blot)

Western blot analysis of GBP6 in HeLa cell lysate with GBP6 antibody at 0.5 μg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-GBP6 antibody	GBP6 Antibody: The guanylate-binding proteins (GBPs), 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) (1,3). GBP6 is induced by IFN and hydrolyzes GTP to both GDP and GMP. The precise function of GBP6 is still under investigation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157671915
NCBI GeneID	163351
NCBI Accession #	NP_940862
NCBI GenBank Nucleotide #	NM_198460.2
UniProt Accession #	Q6ZN66; Q6ZN86; Q7Z3F0; A2RRM3
Molecular Weight	34,494 Da
NCBI Official Full Name	guanylate-binding protein 6
NCBI Official Synonym Full Names	guanylate binding protein family, member 6
NCBI Official Symbol	GBP6
NCBI Protein Information	guanylate-binding protein 6; GBP-6; GTP-binding protein 6; guanine nucleotide-binding protein 6
UniProt Protein Name	Guanylate-binding protein 6
UniProt Gene Name	GBP6
UniProt Synonym Gene Names	GBP-6
UniProt Entry Name	GBP6_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/gbp6-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/39881>