

Datasheet for ABIN6991646
anti-GBP6 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	GBP6
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GBP6 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	GBP6 antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of human GBP6. The immunogen is located within the last 50 amino acids of GBP6.
Isotype:	IgG
Specificity:	GBP6 antibody is predicted to not cross-react with other GBP family members.
Purification:	GBP6 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	GBP6
Alternative Name:	GBP6 (GBP6 Products)
Background:	GBP6 Antibody: The guanylate-binding proteins (GBPs), a family of interferon-induced GTP-

Target Details

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.

Gene ID:	163351
NCBI Accession:	NP_940862
UniProt:	Q6ZN66
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	GBP6 antibody can be used for detection of GBP6 by Western blot at 0.5 µg/mL. Antibody can also be used for immunocytochemistry starting at 2.5 µg/mL. For immunofluorescence start at 5 µg/mL. Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	GBP6 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	GBP6 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.