

Datasheet for ABIN6991856
anti-GBP5 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	GBP5
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GBP5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	GBP5 antibody was raised against a 16 amino acid peptide near the carboxy terminus of human GBP5 . The immunogen is located within the last 50 amino acids of GBP5.
Isotype:	IgG
Specificity:	GBP5 antibody is predicted to not cross-react with other GBP family members.
Purification:	GBP5 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	GBP5
Alternative Name:	GBP5 (GBP5 Products)

Target Details

Background:	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.
Molecular Weight:	Predicted: 64 kDa Observed: 66 kDa
Gene ID:	115362
NCBI Accession:	NP_443174
UniProt:	Q96PP8

Application Details

Application Notes:	GBP5 Antibody can be used for detection of GBP5 by Western blot at 1 µg/mL. Antibody validated: Western Blot in rat samples, Immunohistochemistry 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:	GBP5 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:	GBP5 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.