

Product datasheet for **TA320084**

GBP5 Rabbit Polyclonal Antibody

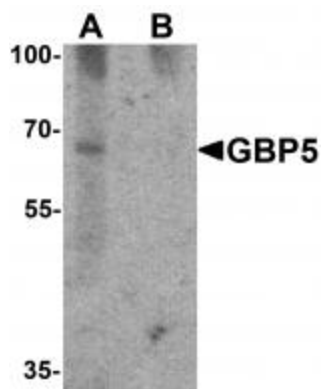
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	GBP5 antibody was raised against a 16 amino acid peptide near the carboxy terminus of human GBP5 .
Formulation:	GBP5 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	GBP5 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 64 kDa; Observed: 66 kDa
Gene Name:	guanylate binding protein 5
Database Link:	NP_443174 Entrez Gene 115362 Human Q96PP8
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.
Synonyms:	GBP-5

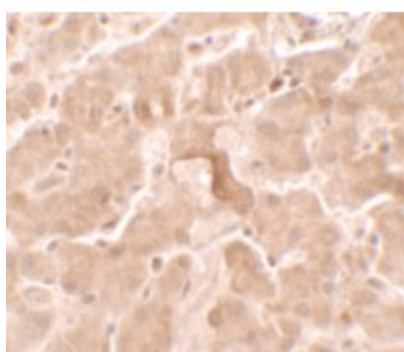


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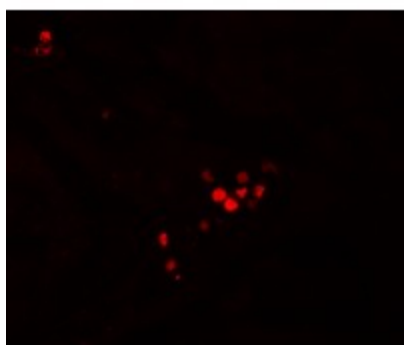
Product images:



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



Immunohistochemistry of GBP5 in human liver tissue with GBP5 antibody at 2.5 ug/mL.



Immunofluorescence of GBP5 in human liver tissue with GBP5 antibody at 20 ug/mL.