

Product Name: GBP4 Rabbit Polyclonal Antibody
Catalog #: APRab11331



Summary

Production Name	GBP4 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	GBP4
Alternative Names	GBP4; Guanylate-binding protein 4; GTP-binding protein 4; GBP-4; Guanine nucleotide-binding protein 4
Gene ID	115361.0
SwissProt ID	Q96PP9.The antiserum was produced against synthesized peptide derived from human GBP4. AA range:551-600

Application

Dilution Ratio	WB 1:500-1:2000, IHC-P 1:100-1:300, ELISA 1:40000, IF-P/IF-F/ICC/IF 1:50-200
Molecular Weight	73kDa

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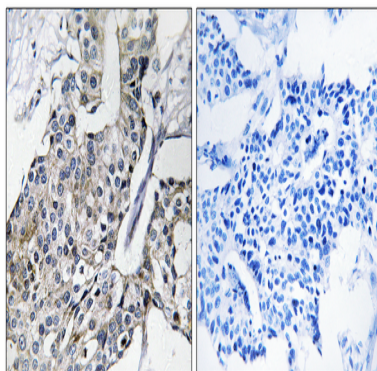


Background

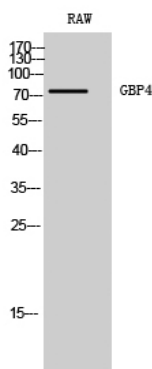
Guanylate-binding proteins, such as GBP4, are induced by interferon and hydrolyze GTP to both GDP and GMP (Vestal, 2005 [PubMed 16108726]).[supplied by OMIM, Dec 2008],function: Binds GTP, GDP and GMP. Hydrolyzes GTP very efficiently; GDP rather than GMP is the major reaction product. Plays a role in erythroid differentiation.,similarity: Belongs to the GBP family.,

Research Area

Image Data



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using GBP4 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of RAW cells using GBP4 Polyclonal Antibody

Note

For research use only.