

GBP4 Polyclonal Antibody

Catalog No :	YT1869
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IHC;IF;ELISA
Target :	GBP4
Fields :	>>NOD-like receptor signaling pathway
Gene Name :	GBP4
Protein Name :	Guanylate-binding protein 4
Human Gene Id :	115361
Human Swiss Prot No :	Q96PP9
Mouse Swiss Prot No :	Q61107
Immunogen :	The antiserum was produced against synthesized peptide derived from human GBP4. AA range:551-600
Specificity :	GBP4 Polyclonal Antibody detects endogenous levels of GBP4 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 73kD

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 : 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.,

Subcellular Location : Cytoplasm . Nucleus . Cytoplasm, perinuclear region . Golgi apparatus membrane . Heterodimers with GBP1, GBP2 and GBP5 localize in the compartment of the prenylated GBPs: with GBP1 in a vesicle-like compartment, with GBP2, around the nucleus and with GBP-5, at the Golgi apparatus. .

Expression : Brain, Epithelium, Placenta, Spinal cord, Spleen, Testis,

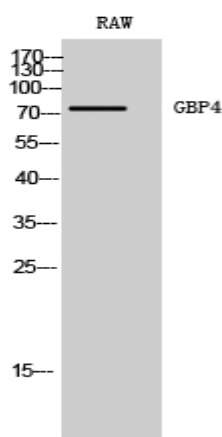
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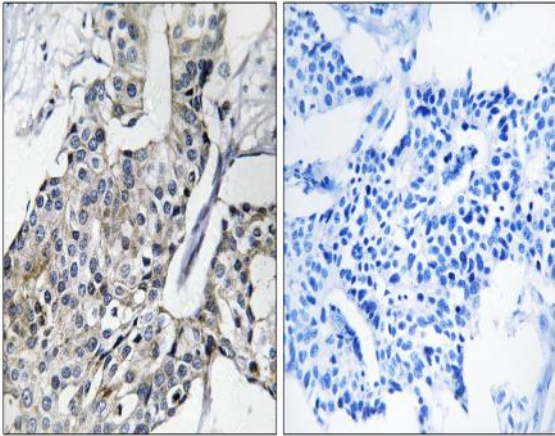
Host : Rabbit

Modifications : Unmodified

Products Images



Western Blot analysis of RAW cells using GBP4 Polyclonal Antibody



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