



GBP4 Monoclonal Antibody

Catalog No	BYmab-16161
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	GBP4
Protein Name	Guanylate-binding protein 4
Immunogen	The antiserum was produced against synthesized peptide derived from human GBP4. AA range:551-600
Specificity	GBP4 Monoclonal Antibody detects endogenous levels of GBP4 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GBP4; Guanylate-binding protein 4; GTP-binding protein 4; GBP-4; Guanine nucleotide-binding protein 4
Observed Band	73kD
Cell Pathway	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. .
Tissue Specificity	Brain,Epithelium,Placenta,Spinal cord,Spleen,Testis,
Function	function:Bounds 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.,
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],

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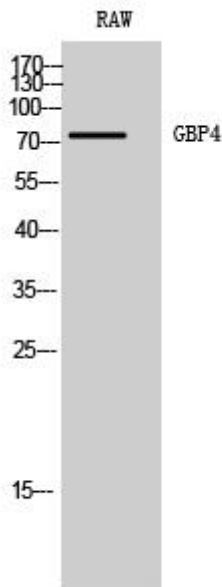
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using GBP4 Monoclonal Antibody