

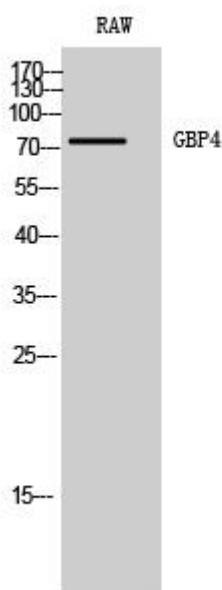


GBP4 Monoclonal Antibody

Catalog No	YP-mAb-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 1:500-1:2000
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: 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.,
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],
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