



GBP2 Polyclonal Antibody

Catalog No	YP-Ab-06611
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	GBP2
Immunogen	Synthesized peptide derived from human protein . at AA range: 160-240
Specificity	GBP2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EC:3.6.5.-;GBP 2;GBP-2;GTP-binding protein 2;Guanine nucleotide-binding protein 2;GBP2;Interferon-induced guanylate-binding protein 2 (GTP-binding protein 2) (GBP-2) (HuGBP-2) (Guanine nucleotide-binding protein 2)
Observed Band	67 kDa
Calculated Molecular Weight	591 aa, 67 kDa
Cell Pathway	Cytoplasm . Cytoplasm, perinuclear region . Golgi apparatus membrane . Membrane; Lipid-anchor . Cytoplasmic vesicle . GBP2-GBP5 dimers localize to the Golgi apparatus. .
Tissue Specificity	Foreskin,Lung,Skin,Spinal cord,Thymus,
Function	function: Binds GTP, GDP and GMP. Hydrolyzes GTP very efficiently; GDP rather than GMP is the major reaction product.;induction: By interferon gamma during macrophage activation.;similarity: Belongs to the GBP family.,
Background	This gene belongs to the guanine-binding protein (GBP) family, which includes interferon-induced proteins that can bind to guanine nucleotides (GMP, GDP and GTP). The encoded protein is a GTPase which hydrolyzes GTP, predominantly to GDP. The protein may play a role as a marker of squamous cell carcinomas. [provided by RefSeq, Jul 2013],

**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