

GBP4 Polyclonal Antibody

Catalog No: YT1869

Reactivity: Human; Mouse

Applications: WB;IHC;IF;ELISA

Target: GBP4

Fields: >>NOD-like receptor signaling pathway

Gene Name: GBP4

Protein Name: Guanylate-binding protein 4

Q96PP9

Q61107

Human Gene Id: 115361

Human Swiss Prot

Human Swiss Fib

No:

Mouse Swiss Prot

No:

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)

1/3

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,

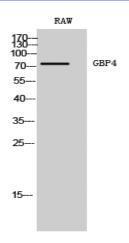
Sort: 6499

No4:

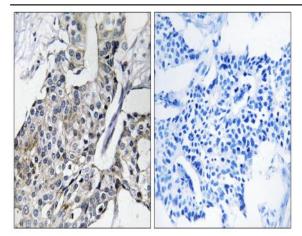
Host: Rabbit

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.