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## GBP6 Rabbit pAb

Catalog Number: bs-13304R

Target Protein: GBP6

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ICC/IF (1:100-500),  
ELISA (1:5000-10000)

Reactivity: (predicted:Human)

Predicted MW: 72 kDa

Subcellular Extracellular matrix

Locations:

Entrez Gene: 163351

Swiss Prot: Q6ZN66

Source: KLH conjugated synthetic peptide derived from human GBP6: 331-430/633.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** GBP6 is a 633 amino acid protein that exists as two alternatively spliced isoforms belonging to the GBP family. GBP6 binds GTP, GDP and GMP, and is encoded by a gene that maps to human chromosome 1p22.2. Chromosome 1 spans 260 million base pairs, contains over 3,000 genes and comprises nearly 8% of the human genome. Chromosome 1 houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson's disease, Gaucher disease, schizophrenia and Usher syndrome. Aberrations in chromosome 1 are found in a variety of cancers, including head and neck cancer, malignant melanoma and multiple myeloma.