



Rabbit Anti-GBP6 antibody

SL13304R

Product Name:	GBP6
Chinese Name:	G蛋白Binding protein6体
Alias:	DKFZp686G0786; FLJ39135; GBP 6; GBP-6; GBP6; GBP6_HUMAN; GTP binding protein 6; GTP-binding protein 6; Guanine nucleotide binding protein 6; Guanine nucleotide-binding protein 6; Guanylate binding protein 6; Guanylate binding protein family member 6; Guanylate-binding protein 6; GTP-binding protein 6.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	72kDa
Cellular localization:	Extracellular matrix
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human GBP6:331-430/633
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

Function:

Binds GTP, GDP and GMP.

Similarity:

Belongs to the GBP family.

SWISS:

Q6ZN66

Gene ID:

163351

Database links:

[Entrez Gene: 163351](#)Human

[Entrez Gene: 100702](#)Mouse

[Omin: 612467](#)Human

[SwissProt: Q6ZN66](#)Human

[Unigene: 254338](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.