

Rabbit Anti-GBP6/AF350 Conjugated antibody

SL13304R-AF350

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| Product Name | Anti-GBP6/AF350 |
| Chinese Name | AF350 标记的 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. |
| Research Area | Tumour Cell biology Neurobiology Signal transduction G protein-coupled receptor G protein signal |
| Immunogen Species | Rabbit |
| Clonality | Polyclonal |
| React Species | (predicted:Human) ICC/IF=1:50-200,IF=1:100-500 |
| Applications | not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight | 72kDa |
| Form | Lyophilized or Liquid |
| Concentration | 1mg/ml |
| immunogen | KLH conjugated synthetic peptide derived from human GBP6 |
| Lsotype | IgG |
| Purification | affinity purified by Protein A |
| Storage Buffer | 1M TBS(pH7.4) with 1% BSA, 3% 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| Product Detail | 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.

Function:

Binds GTP, GDP and GMP.

Similarity:

Belongs to the GBP family.

Database links:

UniProtKB/Swiss-Prot: Q6ZN66.1

Important Note:

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