



# GGT6 rabbit pAb

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>         | BYab-08847                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Reactivity</b>         | Human; Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Applications</b>       | WB                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Gene Name</b>          | GGT6                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Protein Name</b>       | GGT6                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Immunogen</b>          | Synthesized peptide derived from human GGT6 AA range: 254-304                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Specificity</b>        | This antibody detects endogenous levels of GGT6 at Human/Mouse/Rat                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.                                                                                                                                                                                                                                                                                                                                  |
| <b>Dilution</b>           | WB 1: 500-2000                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Concentration</b>      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage Stability</b>  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>           |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Observed Band</b>      |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Cell Pathway</b>       | Membrane ; Single-pass type II membrane protein .                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Tissue Specificity</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Function</b>           | catalytic activity:(5-L-glutamyl)-peptide + an amino acid = peptide + 5-L-glutamyl amino acid.,function:Cleaves glutathione conjugates.,pathway:Sulfur metabolism; glutathione metabolism.,similarity:Belongs to the gamma-glutamyltransferase family.,subunit:Heterodimer composed of the light and heavy chains. The active site is located in the light chain.,                                                                         |
| <b>Background</b>         | GGT6 belongs to the gamma-glutamyltransferase (GGT; EC 2.3.2.2) gene family. GGT is a membrane-bound extracellular enzyme that cleaves gamma-glutamyl peptide bonds in glutathione and other peptides and transfers the gamma-glutamyl moiety to acceptors. GGT is also key to glutathione homeostasis because it provides substrates for glutathione synthesis (Heisterkamp et al., 2008 [PubMed 18357469]).[supplied by OMIM, Oct 2008], |

**Nanjing BYabs science technology Co.,Ltd**



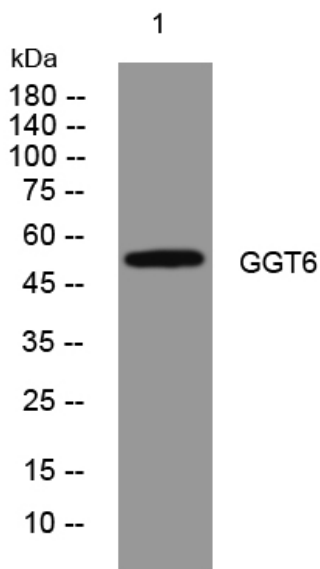
**matters needing attention**

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**



Western blot analysis of lysates from KB cells, primary antibody was diluted at 1:1000, 4° over night