

## Anti-GBA3 Antibody (1V214)

## Product Details

|               |              |
|---------------|--------------|
| Ig Type:      | Rabbit IgG   |
| Reactivity:   | Human        |
| Conjugation:  | Unconjugated |
| Clone:        | 1V214        |
| Purification: | Protein A    |

## Applications

|              |                       |
|--------------|-----------------------|
| Application: | ELISA                 |
| Recommended  | ELISA: 1:5000-1:10000 |

## Properties

|                      |  |
|----------------------|--|
| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free. |
| Shipping:            | Shipping with blue ice.  |

## Antigen Details

|                  |  |
|------------------|--|
| Immunogen:       | Recombinant Protein: Human GBA3 protein (TMPY-01579)   |
| Antigen Species: | Human  |
| Synonyms:        | CBGL1;glucosidase, $\beta$ , acid 3 (gene/pseudogene);MGC104276;KLRP;GBA3;GLUC;MGC126878;glucosidase, beta, acid 3 (gene/pseudogene);CBG |

## Research Background

Cytosolic beta-glucosidase, also known as Cytosolic beta-glucosidase-like protein 1, GBA3, CBG and CBGL1 is a cytoplasm protein which belongs to the glycosyl hydrolase 1 family and Klotho subfamily. GBA3 / CBGL1 is a glycosidase probably involved in the intestinal absorption and metabolism of dietary flavonoid glycosides. GBA3 / CBGL1 is present in small intestine (at protein level). GBA3 / CBGL1 is expressed in liver, small intestine, colon, spleen and kidney. GBA3 / CBGL1 is down-regulated in renal cell carcinomas and hepatocellular carcinomas. GBA3 / CBGL1 is able to hydrolyze a broad variety of glycosides including phytoestrogens, flavonols, flavones, flavanones and cyanogens. GBA3 / CBGL1 possesses beta-glycosylceramidase activity and may be involved in a nonlysosomal catabolic pathway of glycosylceramide.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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