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Datasheet for ABIN7267347 anti-GGT5 antibody (AA 388-587)

Overview

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|----------------------|-------------------------------------|
| Quantity: | 100 µL |
| Target: | GGT5 |
| Binding Specificity: | AA 388-587 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GGT5 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|-------------------|---|
| Purpose: | GGT5 Rabbit pAb |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 388-587 of human GGT5 (NP_001093251.1). |
| Sequence: | TSHVSVLGED GSAVAATSTI NTPFGAMVYS PRTGIILNNE LLDLCERCPR GSGTTPSPAV SGDRVGGAPG RCWPPVPGER SPSSMVPSIL INKAQGSKLV IGGAGGELII SAVAQAIMSK LWLGFDLRAA IAAPILHVNS KGCVEYEPNF SQEVQRGLQD RGQNQTQRPF FLNVVQAVSQ EGACVYAVSD LRKSGEAGY |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Characteristics: | Polyclonal Antibodies |

Product Details

Purification: Affinity purification

Target Details

Target: GGT5

Alternative Name: GGT5 ([GGT5 Products](#))

Background: This gene is a member of the gamma-glutamyl transpeptidase gene family, and some reports indicate that it is capable of cleaving the gamma-glutamyl moiety of glutathione. The protein encoded by this gene is synthesized as a single, catalytically-inactive polypeptide, that is processed post-transcriptionally to form a heavy and light subunit, with the catalytic activity contained within the small subunit. The encoded enzyme is able to convert leukotriene C4 to leukotriene D4, but appears to have distinct substrate specificity compared to gamma-glutamyl transpeptidase. Alternative splicing results in multiple transcript variants encoding different isoforms.,GGT5,GGL,GGT 5,GGT-REL,GGTLA1,Cancer,Signal Transduction,Endocrine & Metabolism,Amino acid metabolism,GGT5

Molecular Weight: 58kDa/62kDa

Gene ID: 2687

UniProt: [P36269](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.