

# Product Datasheet

## GSTA5 Antibody - Azide and BSA Free H00221357-D01P

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00221357-D01P**

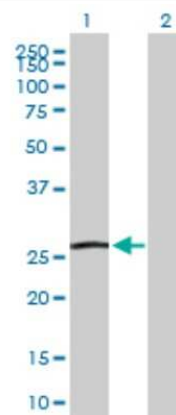
GSTA5 Antibody - Azide and BSA Free

| <b>Product Information</b>         |   |
|------------------------------------|---|
| <b>Unit Size</b>                   | 0.1 mg  |
| <b>Concentration</b>               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.  |
| <b>Storage</b>                     | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.  |
| <b>Clonality</b>                   | Polyclonal  |
| <b>Preservative</b>                | No Preservative   |
| <b>Isotype</b>                     | IgG   |
| <b>Purity</b>                      | Protein A purified  |
| <b>Buffer</b>                      | PBS (pH 7.4)  |
| <b>Product Description</b>         |   |
| <b>Description</b>                 | Novus Biologicals Rabbit GSTA5 Antibody - Azide and BSA Free (H00221357-D01P) is a polyclonal antibody validated for use in WB. Anti-GSTA5 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.  |
| <b>Host</b>                        | Rabbit  |
| <b>Gene ID</b>                     | 221357  |
| <b>Gene Symbol</b>                 | GSTA5   |
| <b>Species</b>                     | Human   |
| <b>Specificity/Sensitivity</b>     | Reacts with glutathione S-transferase alpha 5.  |
| <b>Immunogen</b>                   | GSTA5 (AAI48817.1, 1 a.a. - 222 a.a.) full-length human protein.<br>MAEKPKLHYSNARGSMESIRWLLAAAGVELEEKFLESAEDLDKLRNDGSLLFQ<br>QVPMVEIDGMKLVQTRAILNYIASKYNLYGKDMKERALIDMYTEGIVDLTEMILLL<br>LICQPEERDAKTALVKEKIKNRYFPFAFEKVLKSHRQDYLVGNKLSWADIHLVELF<br>YYVEELDSSLISFPLLKALKTRISNLPTVKKFLQPGSQKPPMDEKSLEEARKI<br>FRF |
| <b>Notes</b>                       | This product is produced by and distributed for Abnova, a company based in Taiwan.  |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | Western Blot  |
| <b>Recommended Dilutions</b>       | Western Blot 1:100-1:2000   |
| <b>Application Notes</b>           | This antibody is reactive against transfected lysate in western blot, and as a detection antibody in ELISA.   |



## Images

Western Blot: GSTA5 Antibody [H00221357-D01P] - Analysis of GSTA5 expression in transfected 293T cell line by GSTA5 polyclonal antibody. Lane 1: GSTA5 transfected lysate(24.42 KDa). Lane 2: Non-transfected lysate.



## Publications

Kim SW, Choi HJ, Lee HJ et al. Role of the endothelin axis in astrocyte- and endothelial cell-mediated chemoprotection of cancer cells. *Neuro-oncology* 2014-07-09 [PMID: 25008093] (WB, Human)

### Details:

GSTA5 antibody used for WB (1:1000 dilution) on MDA-MB-231 and H226 cancer cells treated or not with 100 nM endothelin 1/ET-1 for 24, 48 and 72 hours (Fig. 4B and 4D). WB also performed on MDA-MB-231 cancer cells that were pre-incubated for 2 hours with 1 uM BQ123, 1 uM BQ788, BQ123 plus BQ788, or 100 nM macitentan and then cultured alone /Tc or co-incubated with murine astrocytes /Tc + astrocytes (Fig. 5C). GSTA5 WB also performed on MDA-MB-231 cancer cells stimulated with astrocyte-conditioned media for 48 hours (Supplementary Fig. S6B and S6C).



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### **Products Related to H00221357-D01P**

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|             |   |
|-------------|---|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP]                 |
| HAF008      | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160      | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891  | Rabbit IgG Isotype Control                          |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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