

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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Publications: 1

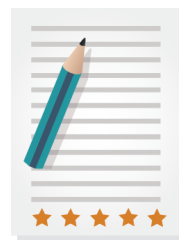
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H00221357-D01P

GSTA5 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

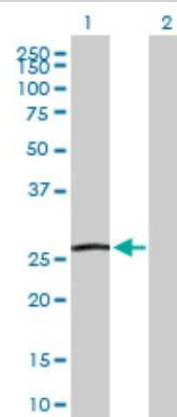
Product Description	
Description	Novus Biologicals Rabbit GSTA5 Antibody - Azide and BSA Free (H00221357-D01P) is a polyclonal antibody validated for use in WB. Anti-GSTA5 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	221357
Gene Symbol	GSTA5
Species	Human
Specificity/Sensitivity	Reacts with glutathione S-transferase alpha 5.
Immunogen	GSTA5 (AAI48817.1, 1 a.a. - 222 a.a.) full-length human protein. MAEKPKLHYSNARGSMESIRWLLAAAGVELEEKFLESAEDLDKLRNDGSLLFQ QVPMVEIDGMKLVQTRAILNYIASKYNLYGKDMKERALIDMYTEGIVDLTEMILL LICQPEERDAKTALVKEIKNRYFPFAFEKVLKSHRQDYLVGKLSWADIHLVELF YYVEELDSSLISFPLLKALKTRISNLPTVKKFLQPGSQRKPPMDEKSLEEARKI FRF
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:100-1:2000
Application Notes	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

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00221357-P01-10ug	Recombinant Human GSTA5 GST (N-Term) Protein

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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