

Product Datasheet

FGFR3 Antibody NB600-1509

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NB600-1509

FGFR3 Antibody

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.9% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	10mM PBS (pH 7.4) and 1.0% BSA

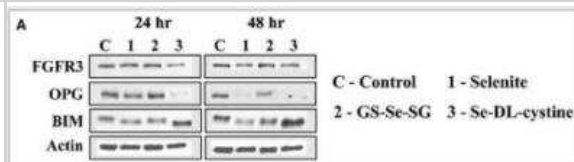
Product Description	
Host	Rabbit
Gene ID	2261
Gene Symbol	FGFR3
Species	Human
Reactivity Notes	Cross-reacts with Human. Not yet tested in other species.
Specificity/Sensitivity	Does not react with human FGFR1 or FGFR2.
Immunogen	Synthetic peptide: KDLLPPAPPSSGGSRT, corresponding to amino acids 792-806 of the cytoplasmic region of Human FGFR3 with N-terminal added lysine.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:250, Immunohistochemistry-Paraffin 1:250

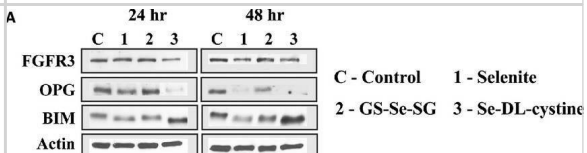


Images

Western Blot: FGFR3 Antibody [NB600-1509] - Western blot analysis of apoptotic markers following 24 and 48 hrs of selenite (5 μ M), GS-Se-SG (5 μ M) and Se-DL-cystine (100 μ M) treatment. Image collected and cropped by CiteAb from the following publication (onlinelibrary.wiley.com/doi/full/10.1111/jcmm.12214), licensed under a CC-BY license.



Western Blot: FGFR3 Antibody [NB600-1509] - (A) Western blot analysis of apoptotic markers following 24 & 48 hrs of selenite (5 μ M), GS-Se-SG (5 μ M) & Se-DL-cystine (100 μ M) treatment. (B) Western blot analysis of autophagic & ER stress markers, evaluated after 1, 3, 6 & 18 hrs of treatment with selenite (5 μ M), GS-Se-SG (5 μ M) & Se-DL-cystine (100 μ M). (C) Acridine orange staining of cells after 12 hrs of treatment with selenite (5 μ M), GS-Se-SG (5 μ M) & Se-DL-cystine (100 μ M) (magnification 40 \times). (D) High-resolution transmission electron microscopy micrographs of control & 24 hrs Se-DL-cystine-treated cells, showing the presence of autophagosome, as evident from double-layered membrane structure with inclusion bodies. (E) Western blot detection of ubiquitinated proteins after treatments with different selenium compounds (similar doses as previous) for 6 hrs. Five microgram cell lysate was loaded into each lane. The lane intensity was analysed by using Adobe Photoshop program (version CS5). β -actin was used as a loading control (Fig. 4A & B). C: Control; 1: selenite; 2: GS-Se-SG; 3: Se-DL-cystine. Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/24400844>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Wallenberg M, Misra S, Wasik AM et al. Selenium induces a multi-targeted cell death process in addition to ROS formation. *J Cell Mol Med* 2014-01-08 [PMID: 24400844] (WB, Human)



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Products Related to NB600-1509

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
233-FB-025	FGF basic/FGF2/bFGF [Unconjugated]

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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