

# Product Datasheet

## VG5Q Antibody - Azide and BSA Free NB100-454

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 1

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**NB100-454**

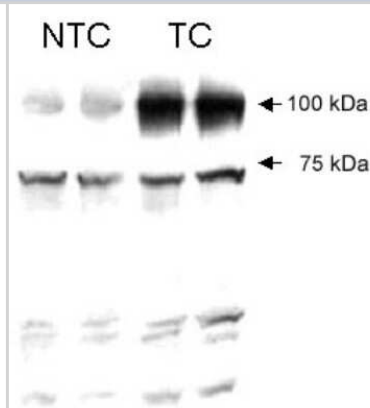
VG5Q Antibody - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera
Target Molecular Weight	100 kDa
Product Description	
Description	Novus Biologicals Rabbit VG5Q Antibody - Azide and BSA Free (NB100-454) is a polyclonal antibody validated for use in IHC, WB, ELISA, ICC/IF and IP. Anti-VG5Q Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	55109
Gene Symbol	AGGF1
Species	Human
Specificity/Sensitivity	This is specific for human VG5Q.
Immunogen	A synthetic peptide mapping to an epitope within residues 500-600 of the human VG5Q protein. [UniProt# Q8N302]
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, ELISA reported in scientific literature, Immunohistochemistry 1:250, Immunocytochemistry/Immunofluorescence reported in scientific literature, Immunoprecipitation reported in scientific literature, Immunohistochemistry-Paraffin
Application Notes	This VG5Q antibody can be used for Immunohistochemistry and Western Blot, where a specific band is seen at 100 kDa. Other bands are non-specific or a degradation product (~75 kDa). The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.

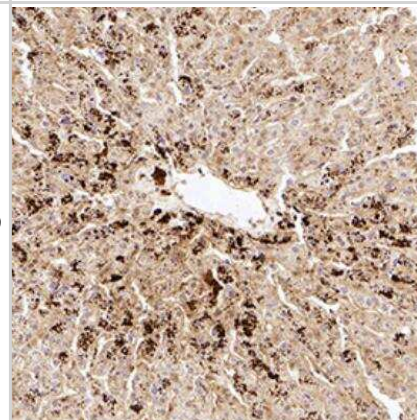


## Images

Western Blot: VG5Q Antibody [NB100-454] - Human VG5Q detected in HT1080 non-transfected cell lysate (NTC) and HT1080 transfected cell lysate (TC) using NB 100-454.



Immunohistochemistry-Paraffin: VG5Q Antibody [NB100-454] - VG5Q was detected in immersion fixed paraffin-embedded sections of human liver using Rabbit Anti-Human VG5Q polyclonal Antibody (Catalog # NB100-454) at 1:300 for 1 hour at room temperature followed by incubation with the Anti-Rabbit IgG VisUCyte™ HRP Polymer Antibody (Catalog # VC003). Tissue was stained using DAB (brown) and counterstained with hematoxylin (blue). Specific staining was localized to the cytoplasm in hepatocytes.



## Publications

Tian, XL, Kadaba, R et al. Identification of an angiogenic factor that when mutated causes susceptibility to Klippel-Trenaunay syndrome. *Nature*;427(6975):640-5. 2004-02-12 [PMID: 14961121] (ICC/IF, WB, IP, ELISA, Human)



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### **Products Related to NB100-454**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-26504	IKK gamma Inhibitor Peptide Set

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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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