

# 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.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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Updated 9/9/2025 v.20.1

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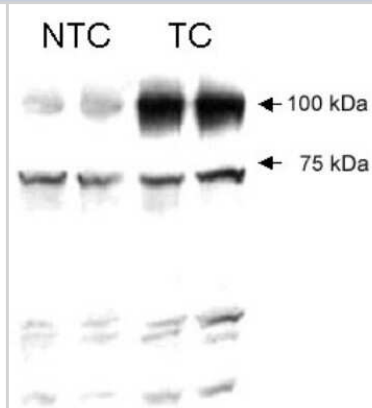


**NB100-454****VG5Q Antibody - Azide and BSA Free**

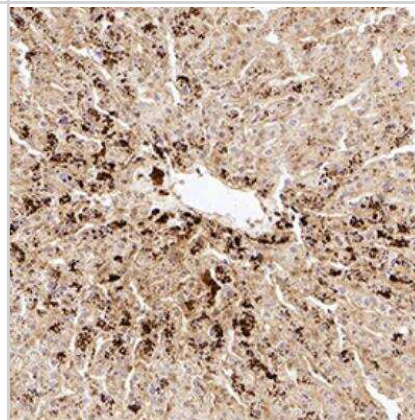
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Unpurified
<b>Buffer</b>	Whole antisera
<b>Target Molecular Weight</b>	100 kDa
<b>Product Description</b>	
<b>Description</b>	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.
<b>Host</b>	Rabbit
<b>Gene ID</b>	55109
<b>Gene Symbol</b>	AGGF1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This is specific for human VG5Q.
<b>Immunogen</b>	A synthetic peptide mapping to an epitope within residues 500-600 of the human VG5Q protein. [UniProt# Q8N302]
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	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
<b>Application Notes</b>	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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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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