

# Product Datasheet

## DOK5 Antibody NB100-1463

Unit Size: 0.1 mg

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

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**NB100-1463**

## DOK5 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

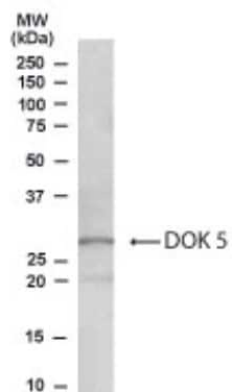
Product Description	
Description	Novus Biologicals Goat DOK5 Antibody (NB100-1463) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-DOK5 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	55816
Gene Symbol	DOK5
Species	Human
Immunogen	Peptide with sequence CLHRTETFPAYRSEH corresponding to C-Terminus according to NP_060901.2.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Immunohistochemistry 1 - 2 ug/ml, Immunohistochemistry-Paraffin 1 - 2 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	WB: In transfected HEK293 transiently expressing DOK5 a band of approx. 38 kDa is observed. This band is not observed in the non-transfected HEK293. The calculated molecular size is 35.5 kDa band according to NP_060901.2. IHC-P: Tonsil stains scattered cells in the interfollicular area compatible with mast cells.

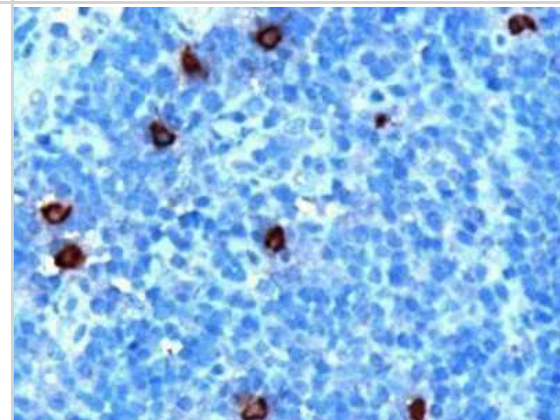


## Images

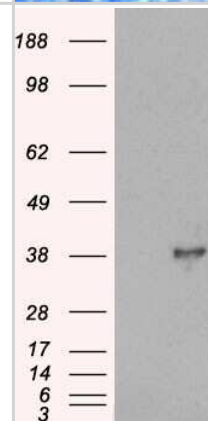
Western Blot: DOK5 Antibody [NB100-1463] - Analysis of DOK5 in Human Kidney lysate (35 ug protein in RIPA buffer) using this antibody at 0.1 ug/ml.



Immunohistochemistry-Paraffin: DOK5 Antibody [NB100-1463] - IHC staining of paraffin embedded Human Tonsil using this antibody at 1 ug/ml. Microwaved antigen retrieval with citrate buffer pH6, HRP-staining.



Western Blot: DOK5 Antibody [NB100-1463] - HEK293 overexpressing DOK5 and probed with (mock transfection in first lane).



## Publications

Cai D, Dhe-Paganon S, Melendez PA et al. Two new substrates in insulin signaling, IRS5/DOK4 and IRS6/DOK5. J Biol Chem 2003-07-11 [PMID: 12730241]



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### **Products Related to NB100-1463**

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NBL1-09980	DOK5 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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