

# Product Datasheet

## DCTN3 Antibody NBP1-52105

Unit Size: 0.1 mg

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

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**NBP1-52105****DCTN3 Antibody****Product Information**

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

**Product Description**

<b>Description</b>	Novus Biologicals Goat DCTN3 Antibody (NBP1-52105) is a polyclonal antibody validated for use in IHC, WB, ELISA and Flow. Anti-DCTN3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	11258
<b>Gene Symbol</b>	DCTN3
<b>Species</b>	Human, Rat
<b>Specificity/Sensitivity</b>	This antibody is expected to recognize both reported isoforms (NP_009165.1; NP_077324.1).
<b>Immunogen</b>	Peptide with sequence C-QVALGNISSKRE corresponding to internal region according to NP_009165.1; NP_077324.1.

**Product Application Details**

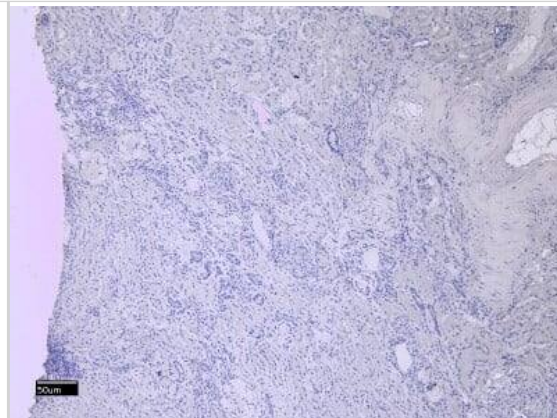
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.1 - 0.3 ug/ml, Flow Cytometry 10ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 6 - 8 ug/ml, Peptide ELISA Detection limit 1:16000
<b>Application Notes</b>	WB: Approx 20 kDa band observed in Human Liver lysates, and approx. 18 kDa in Rat Kidney lysates and in preliminary testing of Mouse Kidney lysate (calculated MW of 19.5 kDa according to NP_077324.1 and 21.1 kDa according to NP_001102129.1).

**Images**

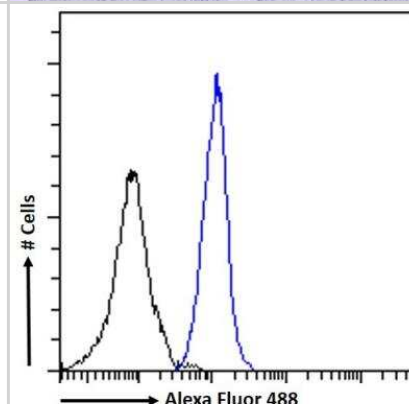
Western Blot: DCTN3 Antibody [NBP1-52105] - Staining (0.03ug/ml) of Human Kidney lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

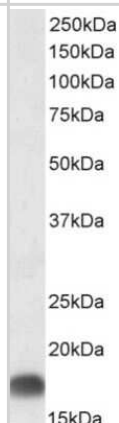
**Immunohistochemistry-Paraffin: DCTN3 Antibody [NBP1-52105] - Negative Control** showing staining of paraffin embedded Human Kidney, with no primary antibody.



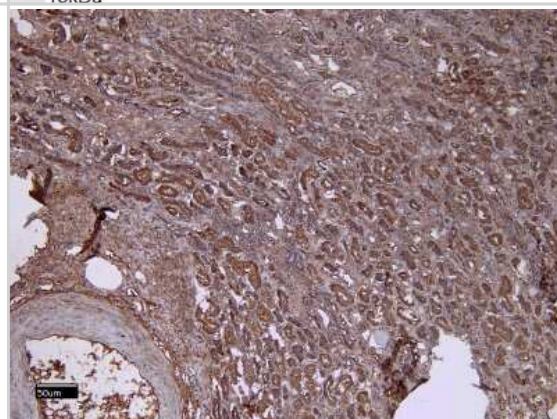
**Flow Cytometry: DCTN3 Antibody [NBP1-52105] - Analysis of paraformaldehyde fixed K562 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.**



**Western Blot: DCTN3 Antibody [NBP1-52105] - Staining (0.2ug/ml) of Mouse (A) and Rat (B) Skeletal Muscle lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.**



**Immunohistochemistry-Paraffin: DCTN3 Antibody [NBP1-52105] - Staining (8ug/ml) of paraffin embedded Human Kidney. Heat induced antigen retrieval with citrate buffer pH 6, HRP-Staining.**



## Publications

Abba MC, Sun H, Hawkins KA et al. Breast cancer molecular signatures as determined by SAGE: correlation with lymph node status. Mol Cancer Res 2007-09-01 [PMID: 17855657]



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### **Products Related to NBP1-52105**

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
H00011258-P01-10ug	Recombinant Human DCTN3 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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