

# Product Datasheet

## Coactosin-like Protein 1/CotL1 Antibody - BSA Free NBP2-48515

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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**NBP2-48515****Coactosin-like Protein 1/CotL1 Antibody - BSA Free****Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<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>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

<b>Description</b>	Novus Biologicals Rabbit Coactosin-like Protein 1/CotL1 Antibody - BSA Free (NBP2-48515) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	23406
<b>Gene Symbol</b>	COTL1
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to amino acids: IWVTFKYDGGSTIVPGEQGAHEYQHFIQQCTDDVRLFAFVRFTTGDAMSKRSKFAL ITWIGENVSGLQRAKTGTDKTLVKEVVQNFAKEFVISDRKEL

**Product Application Details**

<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.



## Images

Western Blot: Coactosin-like Protein 1/CotL1 Antibody [NBP2-48515] -

Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11

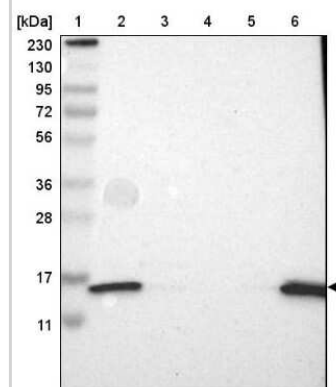
Lane 2: Human cell line RT-4

Lane 3: Human cell line U-251MG sp

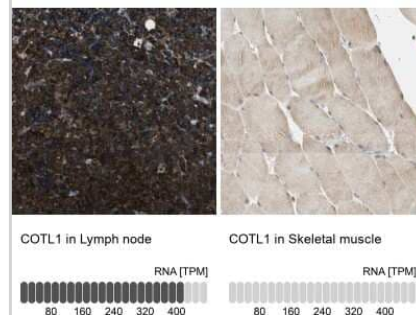
Lane 4: Human plasma (IgG/HSA depleted)

Lane 5: Human liver tissue

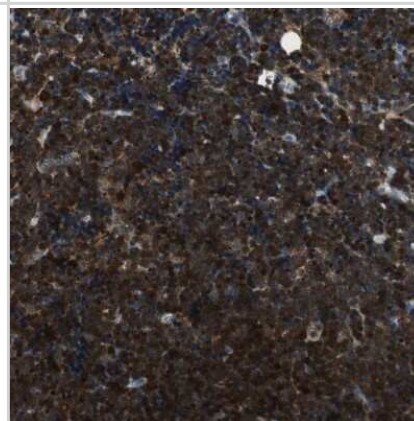
Lane 6: Human tonsil tissue



Immunohistochemistry-Paraffin: Coactosin-like Protein 1/CotL1 Antibody [NBP2-48515] - Staining in human lymph node and skeletal muscle tissues using anti-COTL1 antibody. Corresponding COTL1 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: Coactosin-like Protein 1/CotL1 Antibody [NBP2-48515] - Staining of human lymph node shows high expression.



Immunohistochemistry-Paraffin: Coactosin-like Protein 1/CotL1 Antibody [NBP2-48515] - Staining of human skeletal muscle shows low expression as expected.





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### **Products Related to NBP2-48515**

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NBP2-48515PEP	Coactosin-like Protein 1/CotL1 Recombinant Protein Antigen
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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