

# Product Datasheet

## CTDSPL2 Antibody - BSA Free

### NBP1-91814

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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**NBP1-91814**

CTDSPL2 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**

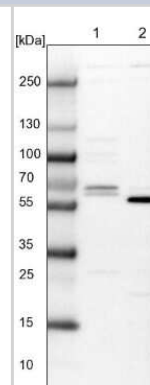
<b>Description</b>	Novus Biologicals Rabbit CTDSPL2 Antibody - BSA Free (NBP1-91814) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-CTDSPL2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	51496
<b>Gene Symbol</b>	CTDSPL2
<b>Species</b>	Human, Rat
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: RLRTRKASQQSNQIQRTQRTARAKRKYSEVDDSLPSGGKPSKNETGLLSSIKK FIKGSTPKEERENPSKRSRIERDIDNNLITSTPRAGEKPNKQISRV

**Product Application Details**

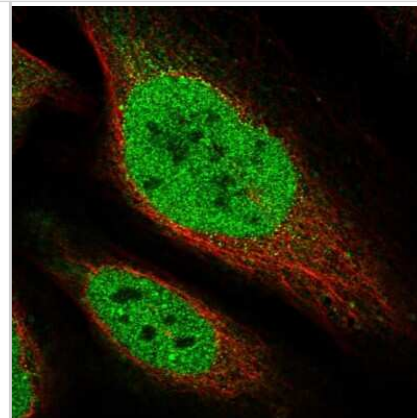
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

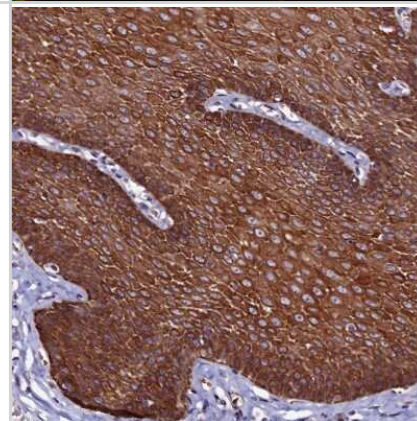
Western Blot: CTDSPL2 Antibody [NBP1-91814] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2: NBT-II cell lysate (Rat Wistar bladder tumor cells).



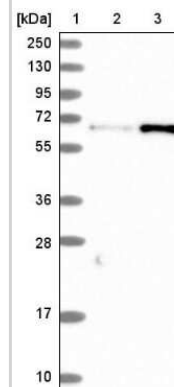
Immunocytochemistry/Immunofluorescence: CTDSPL2 Antibody [NBP1-91814] - Staining of human cell line U-2 OS shows localization to nucleoplasm. Antibody staining is shown in green.



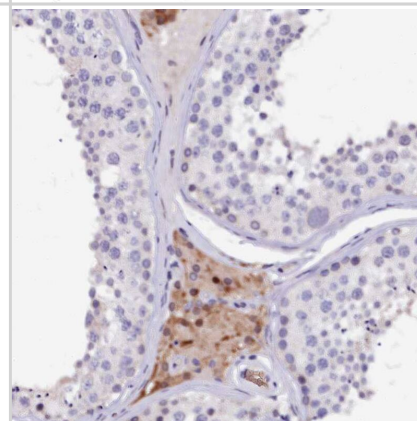
Immunohistochemistry-Paraffin: CTDSPL2 Antibody [NBP1-91814] - Staining of human esophagus shows strong cytoplasmic positivity in squamous epithelial cells.



Western Blot: CTDSPL2 Antibody [NBP1-91814] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



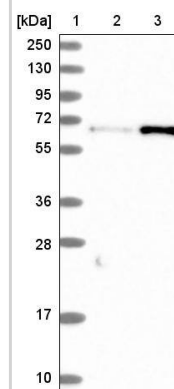
Staining of human testis shows moderate nuclear/cytoplasmic positivity in Leydig cells.



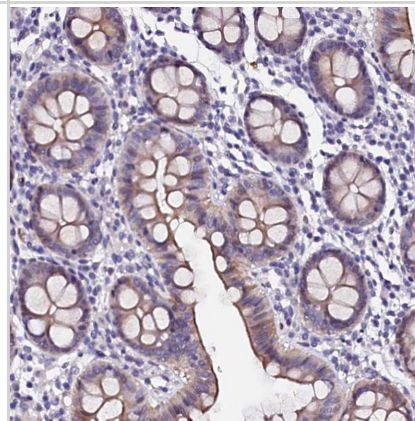
Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10

Lane 2: Human cell line RT-4

Lane 3: Human cell line U-251MG sp

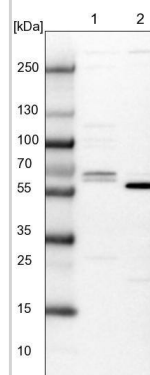


Staining of human colon shows moderate membranous/cytoplasmic positivity in glandular cells.

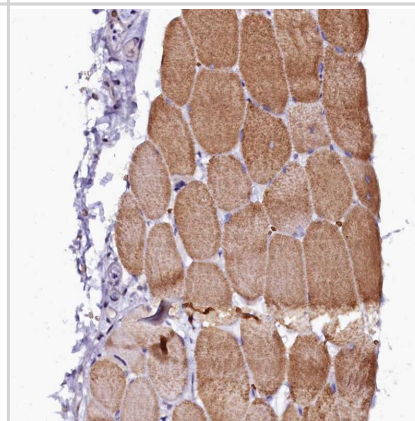


Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells)

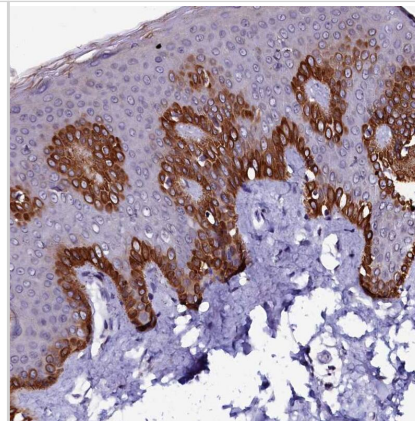
Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour cells)



Staining of human skeletal muscle shows moderate cytoplasmic positivity in myocytes.



Staining of human skin shows strong membranous/cytoplasmic positivity in squamous epithelial cells.



## Publications

Wang P, Zou K, Cao J et al. Protein phosphatase SCP4 regulates cartilage development and endochondral osteogenesis via FoxO3a dephosphorylation Cell Proliferation 2024-06-17 [PMID: 38886174]



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### **Products Related to NBP1-91814**

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NBP1-91814PEP	CTDSPL2 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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