

# Product Datasheet

## LTV1 Antibody - BSA Free NBP1-86735

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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**NBP1-86735**

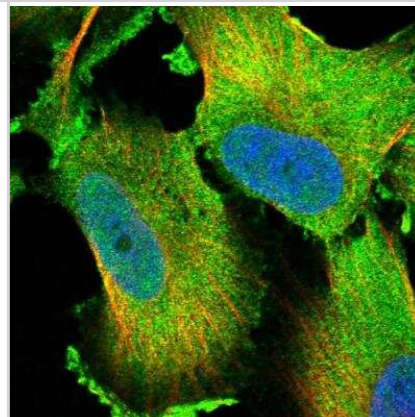
LTV1 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Description	Novus Biologicals Rabbit LTV1 Antibody - BSA Free (NBP1-86735) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-LTV1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	84946
Gene Symbol	LTV1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (89%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LEGSIQVDSNRLQEVLNDYYKEKAENCVKLNTLEPLEDQDLPMNELDESEEEE MITVVLEEAKEKWDCEICSTYSNLYNHPQLIKYQPKPKQ
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	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
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

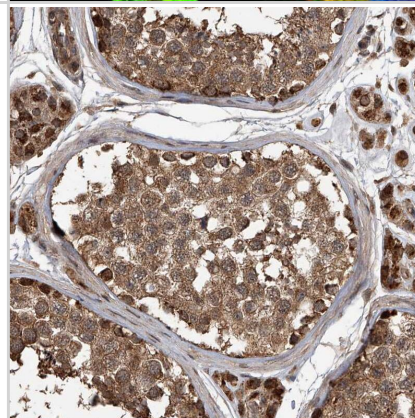


## Images

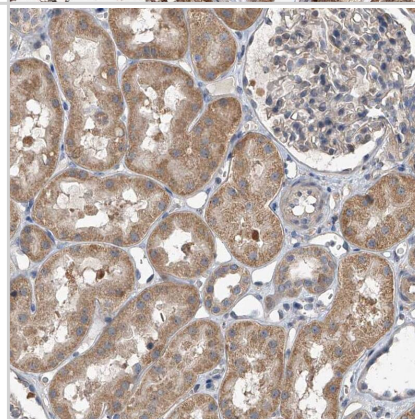
Immunocytochemistry/Immunofluorescence: LTV1 Antibody [NBP1-86735] - Staining of human cell line U-251 MG shows localization to nucleoplasm & cytosol. Antibody staining show in green.



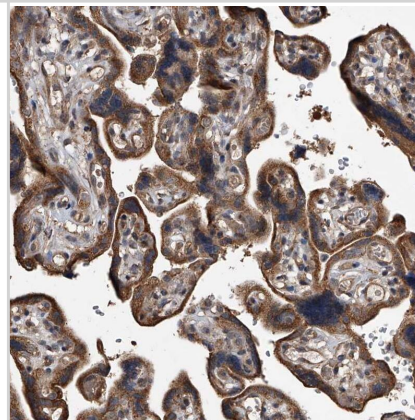
Staining of human testis shows strong cytoplasmic positivity in cells in seminiferous ducts and leydig cells.



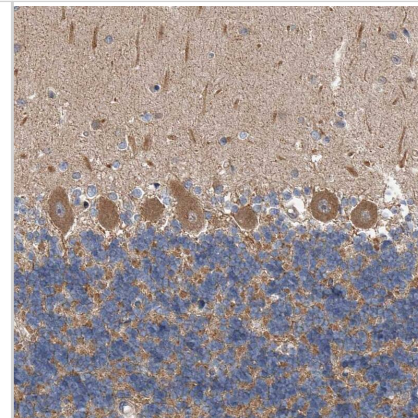
Staining of human kidney shows moderate cytoplasmic positivity in cells in tubules.



Staining of human placenta shows strong cytoplasmic positivity in trophoblastic cells.



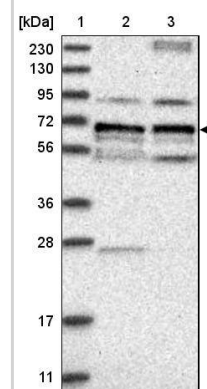
Staining of human cerebellum shows strong cytoplasmic positivity in Purkinje cells.



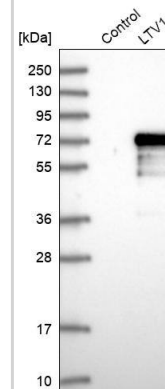
Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11

Lane 2: Human cell line RT-4

Lane 3: Human cell line U-251MG sp



Analysis in control (vector only transfected HEK293T lysate) and LTV1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells).



## Publications

Udi Y, Zhang W, Stein ME et al. A general method for quantitative fractionation of mammalian cells The Journal of cell biology 2023-06-05 [PMID: 36920247] (ICC/IF, Human)

Details:

Dilution used in ICC/IF 1:500



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### **Products Related to NBP1-86735**

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NBP1-86735PEP	LTV1 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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