

# Product Datasheet

## C9orf72 Antibody - BSA Free NBP2-47146

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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**NBP2-47146**

C9orf72 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS and 30% Glycerol

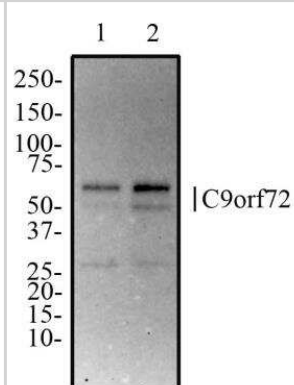
Product Description	
Host	Rabbit
Gene ID	203228
Gene Symbol	C9orf72
Species	Human
Immunogen	A synthetic peptide made to an internal sequence of the human C9orf72 protein [UniProt Q96LT7].

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 2.0 ug/ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:300

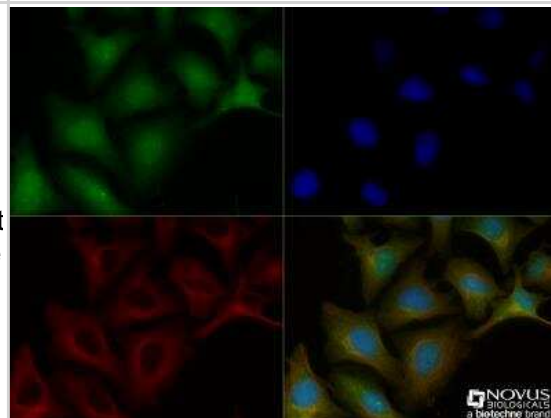


## Images

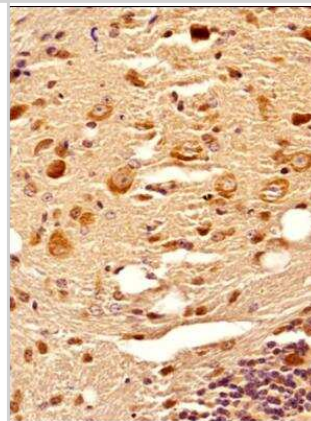
**Western Blot: C9orf72 Antibody [NBP2-47146]** - Western Blot Image of anti-C9orf72. Whole cell protein from SK-N-SH (lane 1) and SH-SY-5Y (lane 2) was separated on a 4-15% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 2.0 ug/ml anti-hnRNP in 1% milk, and detected with an anti-rabbit HRP secondary antibody using chemiluminescence.



**Immunocytochemistry/Immunofluorescence: C9orf72 Antibody [NBP2-47146]** - HeLa cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X TBS + 0.5% Triton-X100. The cells were incubated with anti-C9orf72 (NBP2-47146) at a 1:100 dilution overnight at 4C and detected with an anti-rabbit Dylight 488 (Green) at a 1:500 dilution. Alpha tubulin (DM1A) NB100-690 was used as a co-stain at a 1:1000 dilution and detected with an anti-mouse Dylight 550 (Red) at a 1:500 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.



**Immunohistochemistry-Paraffin: C9orf72 Antibody [NBP2-47146]** - IHC analysis of a formalin fixed paraffin embedded tissue section of mouse brain using C9orf72 antibody (NBP2-47146) at 1:300 dilution with HRP-DAB detection and hematoxylin counterstaining. The antibody generated strong/specific cytoplasmic signal in the neurons and other cell types in the tested section.





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### Products Related to NBP2-47146

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-47146PEP	C9orf72 Antibody Blocking Peptide

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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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