

# Product Datasheet

## RPSA Antibody - BSA Free

### NBP2-41246

Unit Size: 0.1 mg

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 3/4/2026 v.20.1

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**NBP2-41246**

RPSA Antibody - BSA Free

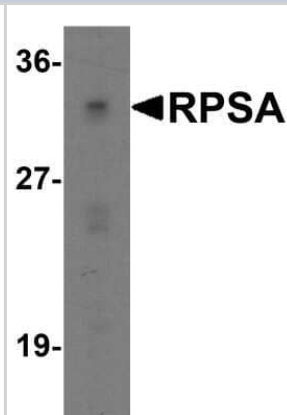
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	32 kDa

Product Description	
Host	Rabbit
Gene ID	3921
Gene Symbol	RPSA
Species	Human, Mouse
Immunogen	Antibody was raised against a 17 amino acid peptide near the carboxy terminus of human RPSA. The immunogen is located within amino acids 190 - 240 of RPSA. Amino Acid Sequence: DLYFYRDPEEIEKEEQAA

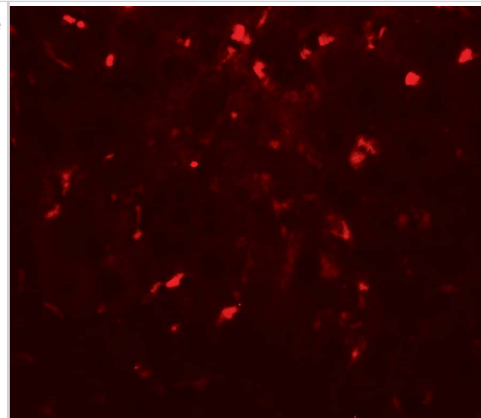
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1-2 ug/ml, ELISA, Immunohistochemistry 5 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/ml, Immunohistochemistry-Paraffin 5 ug/ml

**Images**

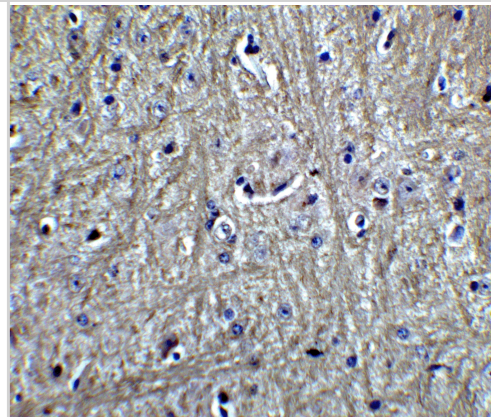
Western Blot: RPSA Antibody [NBP2-41246] - Analysis of RPSA in Caco-2 cell lysate with RPSA antibody at 1 ug/ml.



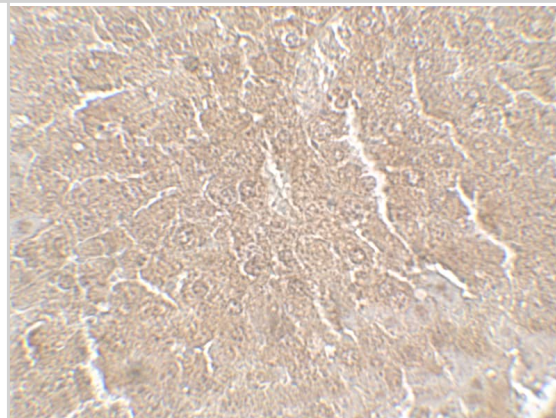
Immunocytochemistry/ Immunofluorescence: RPSA Antibody - BSA Free [NBP2-41246] - Immunofluorescence of RPSA in mouse liver tissue with RPSA antibody at 20 ug/mL.



Immunohistochemistry: RPSA Antibody - BSA Free [NBP2-41246] - Immunohistochemistry of RPSA in mouse brain tissue with RPSA Antibody at 5 ug/mL.

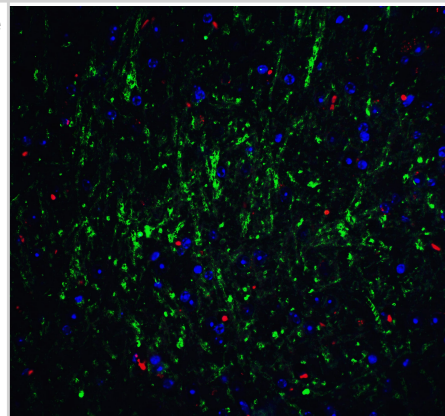


Immunohistochemistry: RPSA Antibody - BSA Free [NBP2-41246] - Immunohistochemistry of RPSA in mouse liver tissue with RPSA antibody at 5 u/mL.



Immunocytochemistry/ Immunofluorescence: RPSA Antibody - BSA Free [NBP2-41246] - Immunofluorescence of RPSA in mouse brain tissue with RPSA Antibody at 20 ug/mL.

Green: RPSA antibody  
Red: Phalloidin staining  
Blue: DAPI staining



## Publications

Burda JE, O'Shea TM, Ao Y et al. Divergent transcriptional regulation of astrocyte reactivity across disorders Nature 2022-05-25 [PMID: 35614216] (IHC-Fr, Mouse)



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### **Products Related to NBP2-41246**

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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
H00003921-Q01-10ug	Recombinant Human RPSA GST (N-Term) Protein

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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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