

# Product Datasheet

## **FMRP [p Ser499] Antibody - Azide Free NBP2-29509**

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-29509**

FMRP [p Ser499] Antibody - Azide Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
<b>Target Molecular Weight</b>	71 kDa

**Product Description**

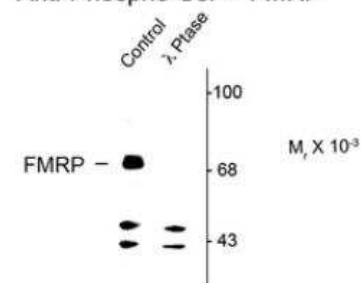
<b>Description</b>	Novus Biologicals Rabbit FMRP [p Ser499] Antibody - Azide Free (NBP2-29509) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	2332
<b>Gene Symbol</b>	FMR1
<b>Species</b>	Human, Mouse, Rat, Chicken
<b>Specificity/Sensitivity</b>	Specific for endogenous levels of the ~71 kDa FMRP protein phosphorylated at Ser499. Immunolabeling is completely eliminated by treatment with lambda-phosphatase.
<b>Immunogen</b>	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser499 conjugated to KLH. Accession # Q80WE1
<b>Preparation Method</b>	Prepared from rabbit serum by affinity purification via sequential chromatography on phospho- and dephosphopeptide affinity columns.

**Product Application Details**

<b>Applications</b>	Western Blot, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000, Immunohistochemistry 1:250 - 1:1000

**Images**

Western Blot: FMRP [p Ser499] Antibody [NBP2-29509] - Western blot of rat hippocampal lysate showing specific immunolabeling of the ~71k FMRP protein phosphorylated at Ser499 (Control). The phosphospecificity of this labeling is shown in the second lane. The blot is identical to the control except that the lysate was incubated in lambda-Ptase (400 units/100ul lysate for 30 min) before being exposed to the FMRP Ser499 antibody. The immunolabeling is completely eliminated by treatment with lambda-Ptase.

**Anti-Phospho-Ser<sup>499</sup> FMRP**

Western blot of rat hippocampal lysate showing specific immunolabeling of the ~71 kDa FMRP protein phosphorylated at Ser<sup>499</sup> (control). Phosphospecificity is shown in the second lane where the immunolabeling is completely eliminated by treatment with λ-phosphatase.





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### **Products Related to NBP2-29509**

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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
H00002332-P01-10ug	Recombinant Human FMRP 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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