

# Phospho-FMR1 (Ser500) Antibody

Cat.#: AF7066	Concn.: 1mg/ml	Mol.Wt.: 71kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

**Application:** WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000

**Reactivity:** Human,Mouse,Rat

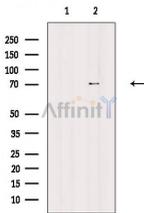
**Purification:** The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.

**Specificity:** Phospho-FMR1 (Ser500) Antibody detects endogenous levels of FMR1 only when phosphorylated at Ser500.

**Immunogen:** A synthesized peptide derived from human FMR1 around the phosphorylation site of Ser500.

**Uniprot:** Q06787

**Storage Condition and Buffer:** Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



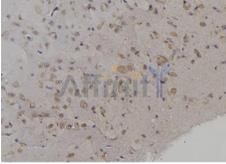
Western blot analysis of extracts from HepG2 cells (serum starvation treatment), using Phospho-FMR1 (Ser500) Antibody. The lane on the left was treated with blocking peptide.



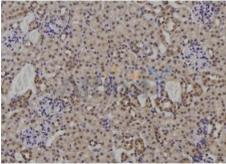
Western blot analysis of extracts from Human brain tissue, using Phospho-FMR1(Ser500) Antibody. Lane1 was treated with phospho-blocking peptide, Lane2 was treated with non-phospho-blocking peptide.



Western blot analysis of extracts from Human brain tissue sample, using Phospho-FMR1(Ser500) Antibody(AF7066).



AF7066 at 1/100 staining mouse brain tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary antibody.



AF7066 at 1/100 staining rat kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary antibody.



AF7066 at 1/100 staining human heart tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary antibody.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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