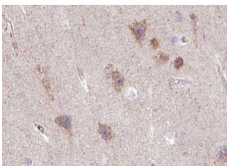


## Phospho-GluR2 (Ser880) Ab

[Images\(2\)](#)

|               |   |                       |
|---------------|---|-----------------------|
| Cat.#: AF3307 | Concn.: ~1mg/ml   | Mol.Wt.: 99kDa        |
| Size:         | Source: Rabbit  | Clonality: Polyclonal |
| Application:  | WB 1:500-1:2000, IHC 1:50-1:200<br>*The optimal dilutions should be determined by the end user.   |                       |
| Reactivity:   | Human,Mouse,Rat   |                       |
| Storage:      | 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.  |                       |
| Purification: | The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.  |                       |
| Immunogen:    | A synthesized peptide derived from human GluR2 around the phosphorylation site of Ser880.   |                       |
| Uniprot:      | P42262  |                       |
| Description:  | GluR2 an integral membrane protein belonging to the glutamate-gated ion channel family. L-glutamate (Glu) acts as an excitatory neurotransmitter at many synapses in the central nervous system. Glutamate receptors are heteromeric protein complexes with multiple subunits, each possessing transmembrane regions, and all arranged to form a ligand-gated ion channel. The postsynaptic actions of Glu are mediated by a variety of receptors that are named according to their selective agonists. |                       |



AF3307 at 1/100 staining human 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 Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary Ab.

**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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