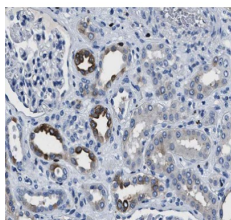


## GluR5 Ab

[Images\(2\)](#)

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Cat.#: AF0169 | Concn.: ~1mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Mol.Wt.: 100kDa       |
| Size:         | Source: Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Clonality: Polyclonal |
| Application:  | WB 1:500-1:3000, 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 antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |
| Immunogen:    | A synthesized peptide derived from human GluR5, corresponding to a region within the internal amino acids.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |
| Uniprot:      | P39086                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |
| Description:  | GluR5 Ionotropic glutamate receptor. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. Binding of the excitatory neurotransmitter L- glutamate induces a conformation change, leading to the opening of the cation channel, and thereby converts the chemical signal to an electrical impulse. The receptor then desensitizes rapidly and enters a transient inactive state, characterized by the presence of bound agonist. May be involved in the transmission of light information from the retina to the hypothalamus. |                       |



AF0169 at 1/100 staining human 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 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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