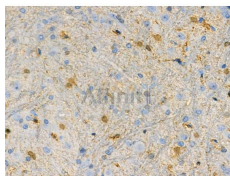


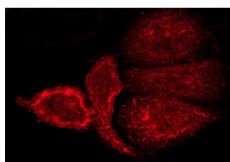
mGluR5 Ab

[References\(2\)](#) [Images\(5\)](#)

Cat.#: AF5243	Concn.: ~1mg/ml	Mol.Wt.: 130 kDa
Size:	Source: Rabbit	Clonality: Polyclonal
Application:	WB 1:500-1:2000, IF/ICC 1:100-1:500, IHC 1:50-1:200 *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 mGluR5, corresponding to a region within N-terminal amino acids.	
Uniprot:	P41594	
Description:	Glutamate receptors constitute the principal excitatory neurotransmitter receptors in brain. Two classes of glutamate receptors exist: Ionotropic receptors, and metabotropic receptors (mGluRs). Ionotropic glutamate receptors are oligomeric complexes of various subunits (GluR1 7, NMDA1 3, KAI 2) which comprise ligand gated calcium channels.	



AF5243 at 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.



AF5243 staining A-431 cells by ICC/IF. Cells were fixed with PFA and permeabilized in 0.1% saponin prior to blocking in 10% serum for 45 minutes at 37°C. The primary Ab was diluted 1/200 and incubated with the sample for 1 hour at 37°C. A Alexa Fluor 594 conjugated goat polyclonal to rabbit IgG (H+L), diluted 1/600 was used as 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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