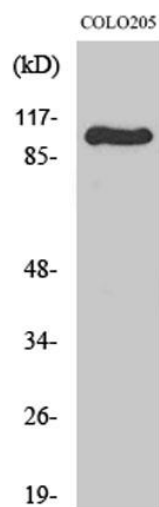
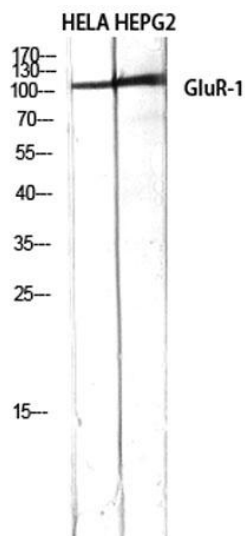


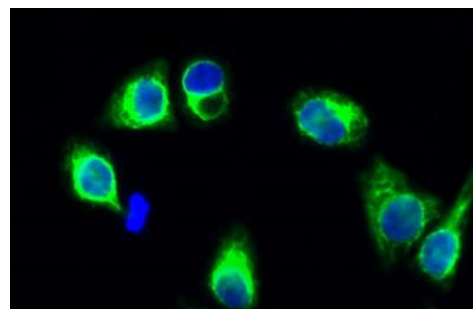
Product name:	Glutamate receptor 1 Rabbit Polyclonal Antibody
Cat number:	AB-J8091
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human GluR1. AA range:816-865
Reactivity:	Human;Mouse;Rat
Applications:	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300 Immunofluorescence: 1/200 - 1/1000
Molecular Weight:	95kDa
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage:	Store at -20°C. Avoid repeated freeze-thaw cycles.
Background:	Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. These receptors are heteromeric protein complexes with multiple subunits, each possessing transmembrane regions, and all arranged to form a ligand-gated ion channel. The classification of glutamate receptors is based on their activation by different pharmacologic agonists. This gene belongs to a family of alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionate (AMPA) receptors. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.



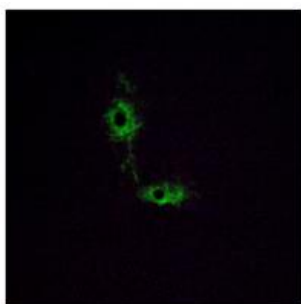
Western Blot analysis of various cells using GluR-1 Polyclonal Antibody diluted at 1:500



Western Blot analysis of HELA HEPG2 using GluR-1 Polyclonal Antibody diluted at 1:500



Immunofluorescence analysis of HeLa cell. 1, GluR-1 Polyclonal Antibody (green) was diluted at 1:200 (4° overnight). 2, Goat Anti Rabbit Alexa Fluor 488 was diluted at 1:1000 (room temperature, 50 min). 3 DAPI (blue) 10 min.



Immunofluorescence analysis of HeLa cells, using GluR1 Antibody. The picture on the right is blocked with the synthesized peptide.