bs-11633R

[Primary Antibody]

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phospho-GluR1 (Ser645) Rabbit pAb

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 2890 **SWISS:** P42261

Target: GluR1 (Ser645)

Immunogen: KLH conjugated synthesised phosphopeptide derived from human

GluR1 around the phosphorylation site of Ser645: MV(p-S)PI.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. 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 alphaamino-3-hydroxy-5-methyl-4-isoxazole propionate (AMPA) receptors. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by

RefSeq, Jul 2008].

Applications: WB (1:500-2000)

IHC-P (1:100-500) **IHC-F** (1:100-500) **IF** (1:100-500)

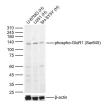
Reactivity: Human, Mouse

(predicted: Rat, Pig, Sheep, Cow, Chicken, Dog, Horse)

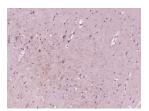
Predicted MW.: 98 kDa

Subcellular Extracellular matrix, Cell **Location:** membrane ,Cytoplasm

VALIDATION IMAGES



Sample: Lane 1: Human U-87 MG cell Lysates Lane 2: Human U251 cell Lysates Lane 3: Human SH-SY5Y cell Lysates Primary: Anti-phospho-GluR1 (Ser645) (bs-11633R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 98kDa Observed band size: 130kDa



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (phospho-GluR1 (Ser645)) Polyclonal Antibody, Unconjugated (bs-11633R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.