GABAA Rβ1 (Phospho Ser434) Rabbit pAb

CatalogNo: YP0576

Key Features

Host Species	Reactivity	Applications
• Rabbit	• Human,Mouse,Rat,Monkey	• WB,IHC,IF,ELISA

MW	Isotype
• 55kD (Observed)	• IgG

Storage

Storage*	-15°C to -25°C/1 year (Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-1:2000
IHC 1:100-1:300
ELISA 1:40000
IF 1:50-200

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	The antiserum was produced against synthesized peptide derived from human GABA-RB around the phosphorylation site of Ser434. AA range:401-450
Specificity	Phospho-GABAA Rβ1 (S434) Polyclonal Antibody detects endogenous levels of GABAA Rβ1 protein only when phosphorylated at S434.The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):RAsQL

Target Information

Gene name GABRB1

Protein Name Gamma-aminobutyric acid receptor subunit beta-1

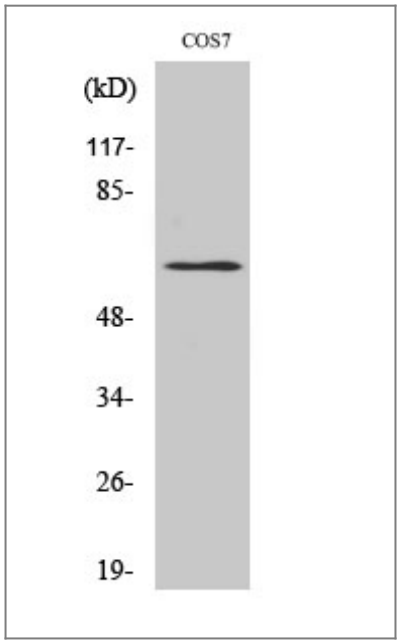
Organism	Gene ID	UniProt ID
Human	2560;	P18505;
Mouse	14400;	P50571;
Rat	25450;	P15431;

Cellular Localization Cell junction , synapse , postsynaptic cell membrane ; Multi-pass membrane protein . Cell membrane ; Multi-pass membrane protein .

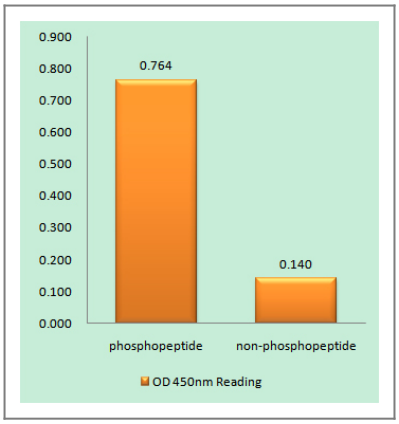
Tissue specificity Brain ,Epithelium ,

Function Function:GABA , the major inhibitory neurotransmitter in the vertebrate brain , mediates neuronal inhibition by binding to the GABA/benzodiazepine receptor and opening an integral chloride channel. ,online information:Forbidden fruit - Issue 56 of March 2005 ,similarity:Belongs to the ligand-gated ionic channel (TC 1.A.9) family. ,subunit:Binds UBQLN1 (By similarity) . Generally pentameric. There are five types of GABA (A) receptor chains: alpha , beta , gamma , delta , and rho. ,

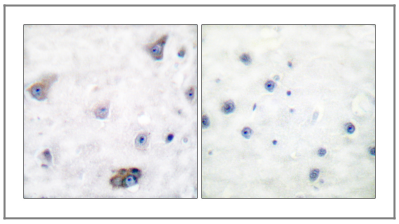
Validation Data



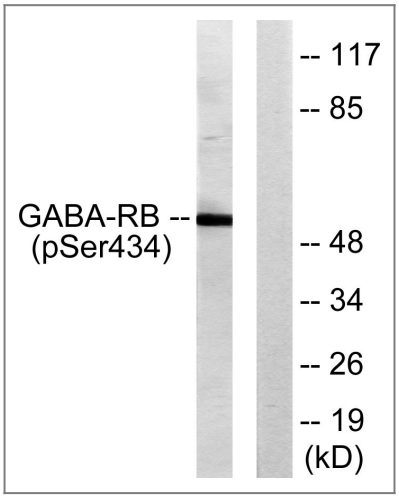
Western Blot analysis of various cells using Phospho-GABAA Rβ1 (S434) Polyclonal Antibody



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using GABA-RB (Phospho-Ser434) Antibody



Immunohistochemistry analysis of paraffin-embedded human brain, using GABA-RB (Phospho-Ser434) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from COS7 cells, using GABA-RB (Phospho-Ser434) Antibody. The lane on the right is blocked with the phospho peptide.

Contact information

Orders:	order@immunoway.com
Support:	tech@immunoway.com
Telephone:	877-594-3616 (Toll Free), 408-747-0185
Website:	http://www.immunoway.com
Address:	2200 Ringwood Ave San Jose, CA 95131 USA

Please scan the QR code to access additional product information:
GABAA Rβ1 (Phospho Ser434) Rabbit pAb

For Research Use Only. Not for Use in Diagnostic Procedures.