

## GABAA R $\beta$ 1 (phospho Ser434) Polyclonal Antibody

Cat #: ABP50453

Size: 30 $\mu$ l /100 $\mu$ l /200 $\mu$ l

### Product Information

	<b>Product Name:</b> GABAA R $\beta$ 1 (phospho Ser434) Polyclonal Antibody		
	<b>Applications:</b> WB , IHC-P, ELISA		<b>Isotype:</b> Rabbit IgG
	<b>Reactivity:</b> Human, Mouse, Rat, Monkey		
<b>REF</b>	<b>Catalog Number:</b> ABP50453	<b>LOT</b>	<b>Lot Number:</b> Refer to product label
	<b>Formulation:</b> Liquid		<b>Concentration:</b> 1 mg/ml
	<b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles.		<b>Note:</b> Contain sodium azide.

**Background:** The gamma-aminobutyric acid (GABA) A receptor is a multisubunit chloride channel that mediates the fastest inhibitory synaptic transmission in the central nervous system. GABRB1 encodes GABA A receptor, beta 1 subunit. It is mapped to chromosome 4p12 in a cluster comprised of genes encoding alpha 4, alpha 2 and gamma 1 subunits of the GABA A receptor. Alteration of GABRB1 is implicated in the pathogenetics of schizophrenia.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), ELISA (1:40000). Not yet tested in other applications.

**Storage Buffer:** PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

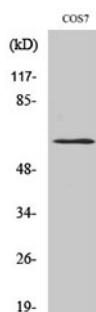


Fig. Western Blot analysis of various cells using Phospho-GABAA R $\beta$ 1 (S434) Polyclonal Antibody.

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