

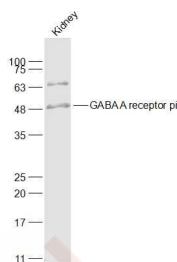
## Anti-GABRP Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Pig,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 49 kDa. Actual: 49 kDa.
Purification:	Protein A purified

## Applications

Sample:	Kidney (Mouse) Lysate at 40 µg
Verified Activity:	Primary: Anti-GABA A receptor pi (TMAB-00731) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 49 kDa Observed band size: 49 kDa



Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human GABRP/GABA A receptor pi
Antigen Species:	Human
Gene ID:	2568
Uniprot ID:	O00591
Synonyms:	GABRP;GABA(A) receptor subunit pi (GABAAR subunit pi);Gamma-aminobutyric acid receptor subunit pi
Biology Area:	More GPCR,GABA Receptors,GABA

## Research Background

GAD-65 and GAD-67, glutamate decarboxylases function to catalyze the production of GABA (Gamma-aminobutyric acid). In the central nervous system GABA functions as the main inhibitory transmitter by increasing a Cl<sup>-</sup> conductance that inhibits neuronal firing. GABA has been shown to activate both ionotropic (GABAA) and

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metabotropic (GABAB) receptors as well as a third class of receptors called GABAC. Both GABAA and GABAC are ligand-gated ion channels, however, they are structurally and functionally distinct.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481