

GABRP antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI16206**Specification**

GABRP antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O00591
Other Accession	NM_014211 , NP_055026
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Dog
Predicted	Human, Mouse, Rat, Rabbit, Horse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51kDa KDa

GABRP antibody - N-terminal region - Additional Information**Gene ID** 2568**Other Names**

Gamma-aminobutyric acid receptor subunit pi, GABA(A) receptor subunit pi, GABRP

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 100 ul of distilled water. Final anti-GABRP antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

GABRP antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

GABRP antibody - N-terminal region - Protein Information**Name** GABRP**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. In the uterus, the function of the receptor appears to be related to tissue contractility. The binding of this pi subunit with other GABA(A) receptor subunits alters the sensitivity of recombinant receptors to modulatory agents such as pregnanolone.

Cellular Location

Postsynaptic cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein

Tissue Location

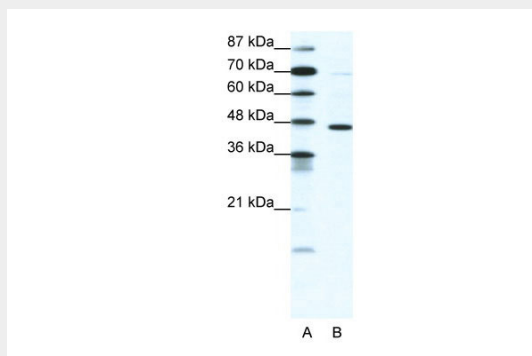
Most abundant in the uterus, also expressed in lung, thymus and prostate

GABRP antibody - N-terminal region - Protocols

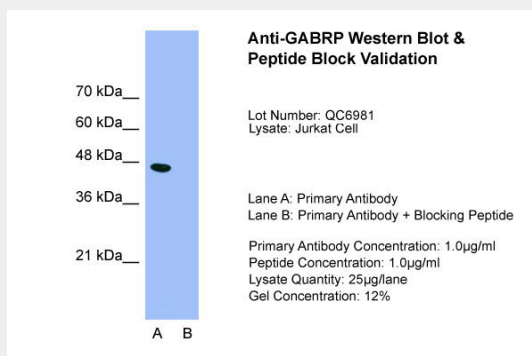
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GABRP antibody - N-terminal region - Images



WB Suggested Anti-GABRP Antibody Titration: 1.25 µg/ml
Positive Control: HepG2/Jurkat



Host: Rabbit
Target Name: GABRP
Sample Tissue: Jurkat
Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide
Primary Antibody
Concentration: 1.0µg/ml
Peptide Concentration: 1.0µg/ml
Lysate Quantity: 25ug/lane Gel

Concentration: 12%

GABRP antibody - N-terminal region - Background

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. In the uterus, the function of the receptor appears to be related to tissue contractility. The binding of this $\alpha 1$ subunit with other GABA(A) receptor subunits alters the sensitivity of recombinant receptors to modulatory agents such as pregnanolone.

GABRP antibody - N-terminal region - References

Hedblom E., et al. J. Biol. Chem. 272:15346-15350(1997).
Johnson E.K., et al. Submitted (JUN-1997) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Sjoeblom T., et al. Science 314:268-274(2006).