

## GRIN1 Polyclonal Antibody

|                              |   |
|------------------------------|---|
| <b>Catalog No :</b>          | YT2059  |
| <b>Reactivity :</b>          | Human;Mouse   |
| <b>Applications :</b>        | WB;ELISA  |
| <b>Target :</b>              | GRIN1   |
| <b>Gene Name :</b>           | GPRIN1  |
| <b>Protein Name :</b>        | G protein-regulated inducer of neurite outgrowth 1  |
| <b>Human Gene Id :</b>       | 114787  |
| <b>Human Swiss Prot No :</b> | Q7Z2K8  |
| <b>Mouse Swiss Prot No :</b> | Q3UNH4  |
| <b>Immunogen :</b>           | The antiserum was produced against synthesized peptide derived from human GPRIN1. AA range:231-280                    |
| <b>Specificity :</b>         | GRIN1 Polyclonal Antibody detects endogenous levels of GRIN1 protein.   |
| <b>Formulation :</b>         | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| <b>Source :</b>              | Polyclonal, Rabbit,IgG  |
| <b>Dilution :</b>            | WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.  |
| <b>Purification :</b>        | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Concentration :</b>       | 1 mg/ml   |
| <b>Storage Stability :</b>   | -15°C to -25°C/1 year(Do not lower than -25°C)  |
| <b>Observed Band :</b>       | 102kD   |

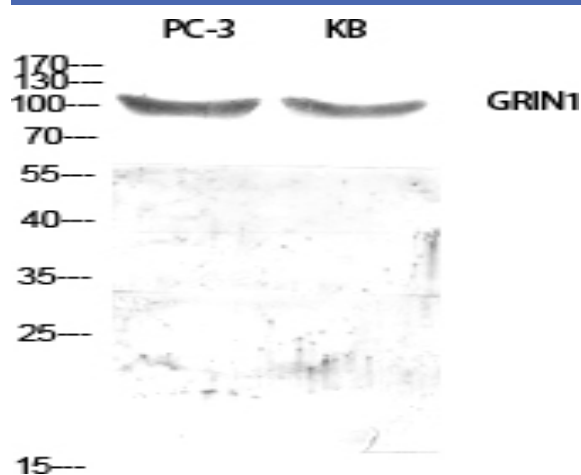
**Background :** function:May be involved in neurite outgrowth.,PTM:Palmitoylation on Cys-999 and/or Cys-1000 is required for membrane targeting.,subcellular location:Highly enriched in growth cone.,subunit:Interacts with activated forms of GNAI1, GNAO1 and GNAZ.,tissue specificity:Widely expressed in the central nervous system, with highest levels in spinal cord.,

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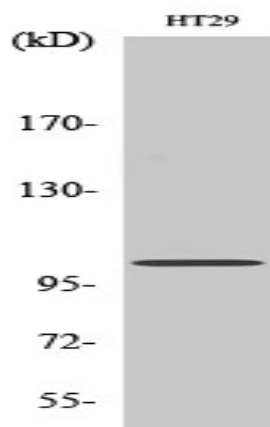
**Subcellular Location :** Cell membrane ; Lipid-anchor . Cell projection, growth cone . Highly enriched in growth cone. .

**Expression :** Widely expressed in the central nervous system, with highest levels in spinal cord.

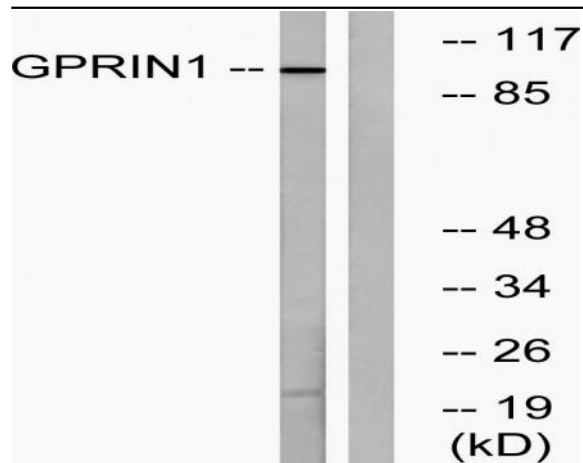
## Products Images



Western Blot analysis of various cells using GRIN1 Polyclonal Antibody diluted at 1:500



Western Blot analysis of HT29 cells using GRIN1 Polyclonal Antibody diluted at 1:500



Western blot analysis of lysates from HT-29 cells, using GPRIN1 Antibody. The lane on the right is blocked with the synthesized peptide.