

Product datasheet for **TA386697**

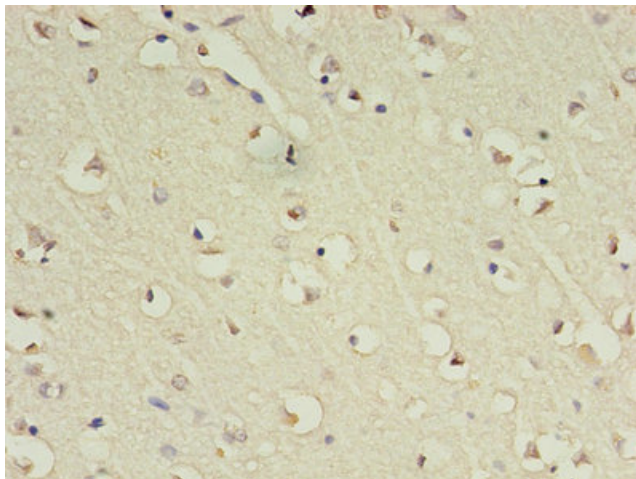
GABRA4 Rabbit Polyclonal Antibody

Product data:

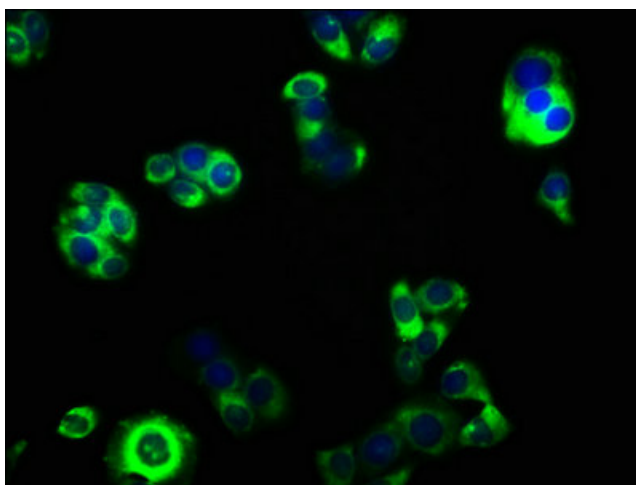
| | |
|------------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IF, IHC, WB |
| Recommended Dilution: | Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:20-1:200 |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Recombinant Human Gamma-aminobutyric acid receptor subunit alpha-4 protein (36-258AA) |
| Formulation: | Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4 |
| Concentration: | lot specific |
| Purification: | >95%, Protein G purified |
| Conjugation: | Unconjugated |
| Storage: | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |
| Stability: | 1 year from dispatch. |
| Database Link: | P48169 |
| 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. |



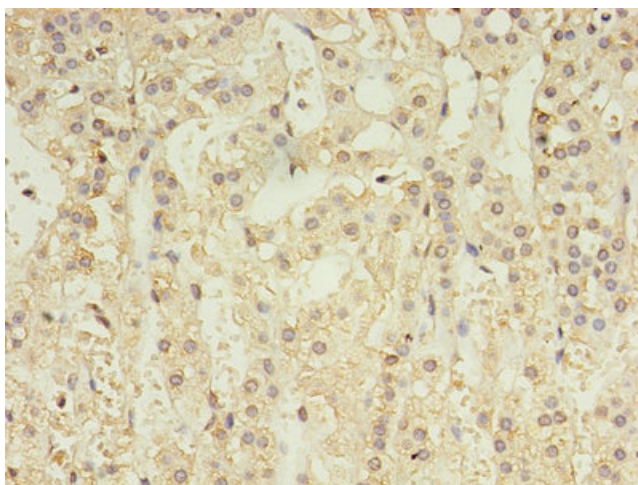
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Product images:

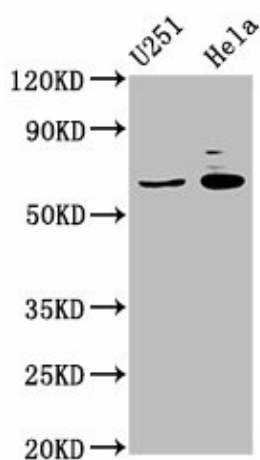
Immunohistochemistry of paraffin-embedded human brain tissue using TA386697 at dilution of 1:100



Immunofluorescence staining of PC-3 cells with TA386697 at 1:33, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry of paraffin-embedded human adrenal gland tissue using TA386697 at dilution of 1:100



Western Blot

Positive WB detected in: U251 whole cell lysate, HeLa whole cell lysate

All lanes: GABRA4 antibody at 7 μ g/ml
Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution
Predicted band size: 62 kDa
Observed band size: 62 kDa