

## Anti-GNAS Polyclonal Antibody 2

### Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human,Pig,Cow,Rabbit,Sheep)
Molecular Weight:	Theoretical: 111 kDa. Actual: 120 kDa.
Purification:	Protein A purified

### Applications

Verified Activity:	<p>1. Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (G protein alpha) Polyclonal Antibody, Unconjugated (TMAB-06605) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.</p> <p>2. Sample:</p> <p>Lane 1: Mouse Cerebrum tissue lysates</p> <p>Lane 2: Rat Cerebrum tissue lysates</p> <p>Primary: Anti-GNAS (TMAB-06605) at 1/1000 dilution</p> <p>Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution</p> <p>Predicted band size: 111 kDa</p> <p>Observed band size: 120 kDa</p>
Application:	WB,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. 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 GNAS
Antigen Species:	Human
Gene ID:	2778
Uniprot ID:	P63092

### Research Background

Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. The Gs protein is involved in hormonal regulation of adenylate cyclase: it activates the cyclase in response to beta-adrenergic stimuli.

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

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