



## Gα olf Polyclonal Antibody

Cat #: ABP51492

Size: 30μl /100μl /200μl

### Product Information

	<b>Product Name:</b> Gα olf Polyclonal Antibody		
	<b>Applications:</b> WB, IHC-P, ELISA		<b>Isotype:</b> Rabbit IgG
	<b>Reactivity:</b> Human, Mouse, Rat		
<b>REF</b>	<b>Catalog Number:</b> ABP51492	<b>LOT</b>	<b>Lot Number:</b> Refer to product label
	<b>Formulation:</b> Liquid		<b>Concentration:</b> 1 mg/ml
	<b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles.		<b>Note:</b> Contain sodium azide.

**Background:** GNAL encodes a stimulatory G protein alpha subunit which mediates odorant signaling in the olfactory epithelium. Guanine nucleotide-binding protein G(olf) subunit alpha couples dopamine type 1 receptors and adenosine A2A receptors and is widely expressed in the central nervous system. Mutations in GNAL have been associated with dystonia 25 and this gene is located in a susceptibility region for bipolar disorder and schizophrenia. Alternative splicing results in multiple transcript variants.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), ELISA (1:20000). Not yet tested in other applications.

**Storage Buffer:** PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

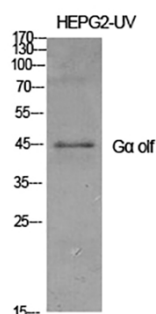


Fig.1. Western Blot analysis of various cells using Gα olf Polyclonal Antibody diluted at 1:1000.

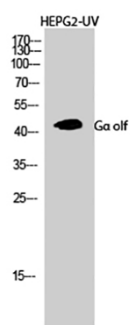


Fig.2. Western Blot analysis of HepG2-UV cells using Ga olf Polyclonal Antibody diluted at 1:1000.

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