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## **GNAS (C) Antibody, Rabbit Polyclonal**

**Cat#: R2925-2**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 111 | 140 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: Q5JWF2**

### **Background:**

Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. The G(s) protein is involved in hormonal regulation of adenylate cyclase: it activates the cyclase in response to beta-adrenergic stimuli. XLas isoforms interact with the same set of receptors as Gnas isoforms.

### **Other Names:**

Guanine nucleotide-binding protein G(s) subunit alpha isoforms XLas, Adenylate cyclase-stimulating G alpha protein, Extra large alphas protein, XLalphas, GNAS1

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human GNAS. Antibodies were purified by affinity purification using immunogen.

### **Storage Buffer and Condition:**

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

### **Species Specificity:**

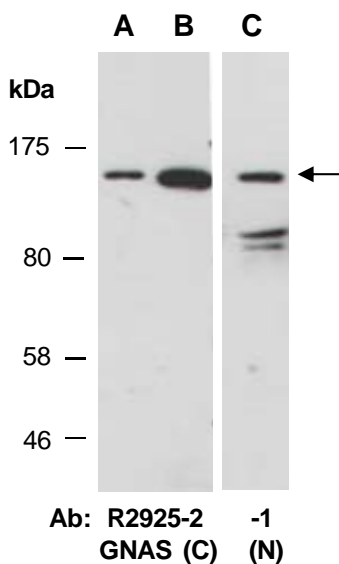
Human

### **Tested Applications:**

WB: 1:1,000-1:3,000 (detect endogenous protein\*)

\*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

**Product Data:**



**Fig 1.** Western blot of total cell extracts from A, C) human HeLa, B) human Jurkat, using 2 independent Abs against 2 distinct regions of human GNAS at RT for 2 h.