

PACO55530

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## Product Information

**Size:**

50ug

**Reactivity:**

Human, Rat

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:5000

**Protein Background:**

Receptor for tyrosine, L-DOPA and dopamine. After binding to L-DOPA, stimulates Ca(2+) influx into the cytoplasm, increases secretion of the neurotrophic factor SERPINF1 and relocalizes beta arrestin at the plasma membrane; this ligand-dependent signaling occurs through a G(q)-mediated pathway in melanocytic cells. Its activity is mediated by G proteins which activate the phosphoinositide signaling pathway. Plays also a role as an intracellular G protein-coupled receptor involved in melanosome biogenesis, organization and transport.

**Gene ID:**

GPR143

**Uniprot**

P51810

**Synonyms:**

G-protein coupled receptor 143 (Ocular albinism type 1 protein), GPR143, OA1

**Immunogen:**

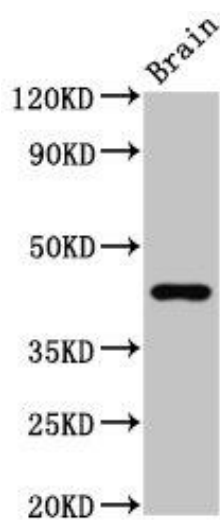
Recombinant Human G-protein coupled receptor 143 protein (314-404AA).

**Storage:**

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

## Product Images

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Western Blot. Positive WB detected in: Rat brain tissue. All lanes: GPR14 antibody at 3.7 $\mu$ g/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 44 kDa. Observed band size: 44 kDa.