

**Catalog #: 50892**

## Aliases

H963; Probable G-protein coupled receptor 171; G-protein coupled receptor H963

## Background

Gene Name: GPR171

NCBI Gene Entry: [29909](#)

UniProt Entry: [O14626](#)

## Application Information

Molecular Weight: Predicted, 36 kDa; observed, 36 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat, bovine

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

## Immunogen

A synthesized peptide derived from human GPR171

## Isotype

Rabbit IgG

## Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunocytochemistry (IC): 1:50-1:200

**Note:** This product is for research use only.

## Validation Data

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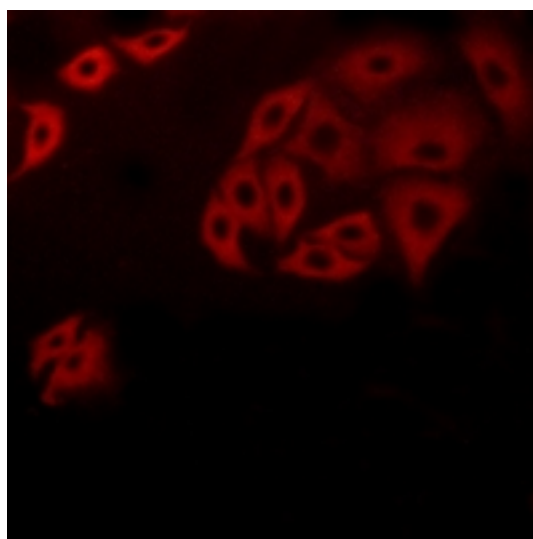
### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
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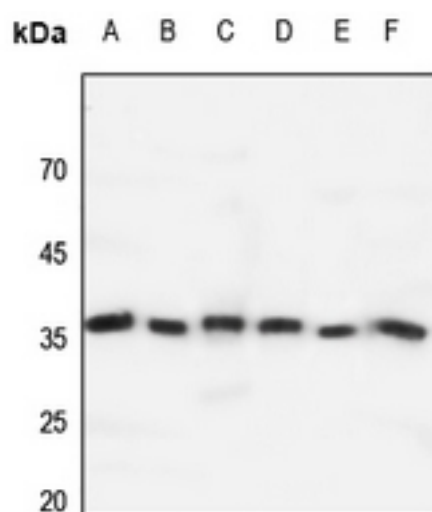
### ORDERS

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Immunocytochemical analysis of GPR171 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



Western blotting analysis of GPR171 expression in HEK293T (A), Hela (B), H460 (C), mouse kidney (D), rat kidney (E), mouse lung (F) whole cell lysates.