

## GPER1

---

**Reactivity:**Human Mouse Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:2000

**Calculated MW:**42kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human GPER1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

mER; CEPR; GPER; DRY12; FEG-1; GPR30; LERGU; LyGPR; CMKRL2; LERGU2; GPCR-Br;

**Catalog #:**A10217

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**2852

**Isotype:**IgG

**Swiss Prot:**Q99527

**Purity:**Affinity purification

For research use only.

**Background:**

This gene is a member of the G-protein coupled receptor 1 family and encodes a multi-pass membrane protein that localizes to the endoplasmic reticulum. The protein binds estrogen, resulting in intracellular calcium mobilization and synthesis of phosphatidylinositol 3,4,5-trisphosphate in the nucleus. This protein therefore plays a role in the rapid nongenomic signaling events widely observed following stimulation of cells and tissues with estrogen. Alternate transcriptional splice variants which encode the same protein have been characterized.

*To place an order, please [Click HERE](#).*