

## Product Datasheet

### GPER Rabbit Polyclonal Antibody (orb666812)

|                             |   |
|-----------------------------|---|
| <b>Catalog Number</b>       | orb666812   |
| <b>Category</b>             | Antibodies  |
| <b>Description</b>          | The GPER Antibody is suitable for IF, WB. It is a Polyclonal, Unconjugated antibody which raised against Recombinant fusion protein of human GPER. The exact sequence is proprietary. Purification: The antibody was purified by immunogen affinity chromatography. |
| <b>Target</b>               | GPER1   |
| <b>Clonality</b>            | Polyclonal  |
| <b>Species/Host</b>         | Rabbit  |
| <b>Conjugation</b>          | Unconjugated  |
| <b>Reactivity</b>           | Human, Mouse, Rat   |
| <b>Form/Appearance</b>      | Liquid  |
| <b>Buffer/Preservatives</b> | 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.   |
| <b>Purification</b>         | The antibody was purified by immunogen affinity chromatography.   |
| <b>Immunogen</b>            | Recombinant fusion protein of human GPER. The exact sequence is proprietary.  |
| <b>UniProt ID</b>           | <b>O08878, Q99527, Q8BMP4</b>   |
| <b>Tested applications</b>  | IF, WB  |
| <b>Dilution range</b>       | WB: 1-500-2000, IF: 1-50-200  |
| <b>Specificity</b>          | Recognizes endogenous levels of GPER protein  |

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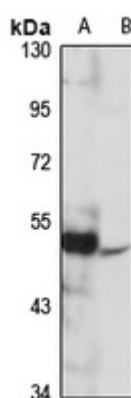
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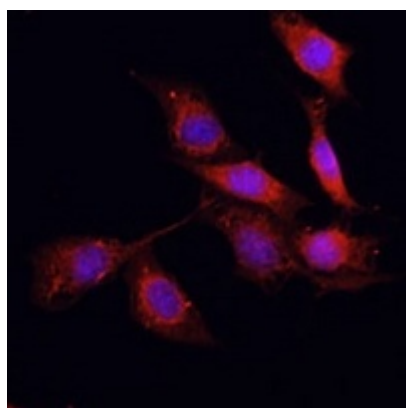
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|                        |   |
|------------------------|---|
| <b>Antibody Type</b>   | Primary Antibody  |
| <b>Storage</b>         | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| <b>Note</b>            | For research use only   |
| <b>Entrez</b>          | <b>76854, 171104, 2852</b>  |
| <b>Expiration Date</b> | 12 months from date of receipt.   |



Western blot analysis of GPER expression in HeLa (A), rat lung (B) whole cell lysates. (Predicted band size: 42 kD; Observed band size: 52 kD)



Immunofluorescent analysis of GPER staining in U2OS 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 Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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