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| <b>Product name:</b>     | PSGR Rabbit Polyclonal Antibody   |
| <b>Cat number:</b>       | ABN00427  |
| <b>Conjugate:</b>        | Unconjugated  |
| <b>Size:</b>             | 100µL   |
| <b>Clone:</b>            | Polyclonal  |
| <b>Concentration:</b>    | 1mg/ml  |
| <b>Host:</b>             | Rabbit  |
| <b>Isotype:</b>          | IgG   |
| <b>Immunogen:</b>        | The antiserum was produced against synthesized peptide derived from human OR51E2. AA range:221-270  |
| <b>Reactivity:</b>       | Human,Rat   |
| <b>Applications:</b>     | WB 1:500-1:1000,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000  |
| <b>Molecular Weight:</b> | Calculated MW: 35 kDa; Observed MW: 35 kDa  |
| <b>Purification:</b>     | Affinity Chromatography   |
| <b>Form:</b>             | Liquid  |
| <b>Buffer:</b>           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.   |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.  |
| <b>Background:</b>       | Probable G protein-coupled receptor that is activated by the short chain fatty acids (SCFA) acetate and propionate. In response to SCFA, may positively regulate renin secretion and increase blood pressure (PubMed:23401498). May also be activated by steroid hormones and regulate cell proliferation (PubMed:19389702). May also function as an olfactory receptor being activated by beta-ionone (PubMed:19389702). |