

## Anti-GPR31 Polyclonal Antibody

## Product Details

|                   |                                      |
|-------------------|--------------------------------------|
| Ig Type:          | IgG                                  |
| Reactivity:       | Human                                |
| Molecular Weight: | Theoretical: 35 kDa. Actual: 36 kDa. |
| Purification:     | Protein A purified                   |

## Applications

|                    |  |
|--------------------|--|
| Verified Activity: | <p>1. Paraformaldehyde-fixed, paraffin embedded (human colon cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (GPR31) Polyclonal Antibody, Unconjugated (TMAB-06709) at 1:500 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.</p> <p>2. Sample: HepG2 (Human) Cell Lysate at 40 µg<br/>Primary: Anti-GPR31 (TMAB-06709) at 1/300 dilution<br/>Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution<br/>Predicted band size: 35 kD<br/>Observed band size: 36 kD</p> |
| Application:       | WB,IHC-P,IHC-Fr,IF   |
| Recommended        | WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500   |

## Properties

|                      |   |
|----------------------|---|
| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping:            | Shipping with blue ice.   |

## Antigen Details

|                  |   |
|------------------|---|
| Immunogen:       | KLH conjugated synthetic peptide: human G protein coupled receptor 31 |
| Antigen Species: | Human   |
| Gene ID:         | 2853  |
| Uniprot ID:      | O00270  |

## Research Background

Enables G protein-coupled receptor activity and arachidonic acid binding activity. Involved in G protein-coupled receptor signaling pathway and response to acidic pH. Located in plasma membrane. [provided by Alliance of Genome Resources, Apr 2022]

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481