Datasheet for ABIN1735054

**anti-GPER antibody (Extracellular Domain, N-Term)**

### Overview

- **Quantity:** 50 μg
- **Target:** GPER
- **Binding Specificity:** Extracellular Domain, N-Term
- **Reactivity:** Human
- **Host:** Rabbit
- **Clonality:** Polyclonal
- **Conjugate:** This GPER antibody is un-conjugated
- **Application:** Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

### Product Details

- **Immunogen:** Synthetic 16 amino acid peptide from N-terminal extracellular domain of human GPR30. Percent identity with other species by BLAST analysis: Human (100%), Gorilla (100%), Monkey (88%), Marmoset (88%).
- **Isotype:** IgG
- **Specificity:** Reacts with human GPR30
- **Cross-Reactivity (Details):** BLAST analysis of the peptide immunogen showed no homology with other human proteins.
- **Purification:** Antigen affinity purified

### Target Details

- **Target:** GPER
Target Details

Alternative Name: GPR30 (GPER Products)

UniProt: Q99527

Pathways: EGFR Signaling Pathway, Positive Regulation of Peptide Hormone Secretion, Intracellular Steroid Hormone Receptor Signaling Pathway, Steroid Hormone Mediated Signaling Pathway, Carbohydrate Homeostasis, cAMP Metabolic Process, Regulation of G-Protein Coupled Receptor Protein Signaling, Positive Regulation of Endopeptidase Activity, Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes: Working dilution: IF, IHC-P (20 μg/mL, WB

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS, Sodium azide 0.1 %

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-80 °C

Storage Comment: Long term: -70°C, Short term: +4°C
Anti-GPR30 antibody pab71260 IHC staining of human breast carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.