**Product datasheet**

**Anti-GIP antibody ab25973**

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**Overview**

- **Product name**: Anti-GIP antibody
- **Description**: Rabbit polyclonal to GIP
- **Host species**: Rabbit
- **Specificity**: ab25973 recognises GIP (G protein coupled receptor interacting protein 1, GIP).
- **Tested applications**: Suitable for: IHC-Fr, IHC-P, ICC/IF, WB
- **Species reactivity**: Reacts with: Mouse, Rat, Human
- **Immunogen**: Synthetic peptide corresponding to Human GIP (N terminal).
  (Peptide available as ab39751)
- **Positive control**: Human kidney cell lysate
- **General notes**: Previously labelled as CTRP1.

**Properties**

- **Form**: Liquid
- **Storage instructions**: Shipped at 4°C. Store at +4°C.
- **Storage buffer**: Preservative: 0.02% Sodium azide
  Constituent: PBS
- **Purity**: Immunogen affinity purified
- **Clonality**: Polyclonal
- **Isotype**: IgG

**Applications**

Our Abpromise guarantee covers the use of ab25973 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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**Application notes**
- IHC-P: Use at a concentration of 10 µg/ml.
- IHC-Fr: Use at an assay dependent concentration (See Abreview).
- WB: Use at a concentration of 1 µg/ml. Predicted molecular weight: 32 kDa. Can be blocked with CTRP1 peptide (ab39751).
- Note: CTRP1 is highly modified post-translationally and can migrate in SDS-PAGE at positions other than their predicted size.

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

**Target**

**Sequence similarities**
- Contains 1 C1q domain.
- Contains 1 collagen-like domain.

**Cellular localization**
- Secreted.

**Images**

ab25973 at 10µg/ml staining GIP in human kidney tissue by IHC

**Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GIP antibody (ab25973)**
Lane 1: Anti-GIP antibody (ab25973) at 1 µg/ml
Lane 2: Anti-GIP antibody (ab25973) at 2 µg/ml

All lanes: Human kidney cell lysate

Predicted band size: 32 kDa
Observed band size: 30 kDa

why is the actual band size different from the predicted?

ab27973 staining GIP in rat vibrissa tissue sections by Immunohistochemistry (frozen sections). Tissue was un-fixed but permeabilized with 0.1% Triton X in PBS. Samples were then blocked with 10% serum for 30 minutes at 25°C followed by incubation with the primary antibody, at a 1/100 dilution, for 15 hours at 4°C. An Alexa Fluor® 488-conjugated donkey anti-rabbit IgG (H+L) was used as secondary antibody at a 1/500 dilution.

Immunofluorescence of GIP in Human Kidney cells using ab25973 at 20 µg/ml.

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