

Datasheet for ABIN870698
anti-GPR83 antibody (AA 59-71)[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|--------------------------------------|
| Quantity: | 100 µg |
| Target: | GPR83 |
| Binding Specificity: | AA 59-71 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Goat |
| Clonality: | Polyclonal |
| Conjugate: | This GPR83 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

Product Details

| | |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Purpose: | GPR83 (aa59-71) |
| Immunogen: | Peptide with sequence C-RRYGAESQNPTVK, from the internal region of the protein sequence according to NP_057624.3. |
| Sequence: | RRYGAESQNP TVK |
| Isotype: | IgG |
| Specificity: | The immunizing peptide represents part of an extracellular domain. |
| Cross-Reactivity: | Cow, Dog, Human, Mouse, Pig, Rat |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Grade: | Verified |

Target Details

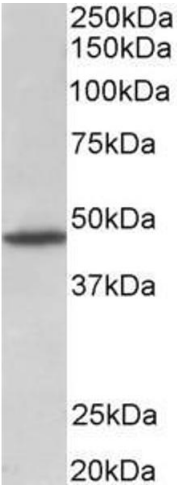
| | |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target: | GPR83 |
| Alternative Name: | GPR83 (GPR83 Products) |
| Background: | GPR83, G protein-coupled receptor 83, GIR, GPR72, G protein-coupled receptor 72, G-protein coupled receptor 72, glucocorticoid induced receptor, probable G-protein coupled receptor 83 |
| Molecular Weight: | 48.3kDa |
| Gene ID: | 10888, 14608, 140595 |
| NCBI Accession: | NP_057624 |

Application Details

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|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Western Blot: Approx 48 kDa band observed in Human, Mouse and Rat Brain lysates (calculated MW of 48.3 kDa according to Human NP_057624.3 and 48.0 kDa according to Rat NP_536336.1). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:8000. |
| Restrictions: | For Research Use only |

Handling

| | |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Format: | Liquid |
| Concentration: | 0.5 mg/mL |
| Buffer: | Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Minimize freezing and thawing. |
| Storage: | -20 °C |
| Storage Comment: | Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable. |



Western Blotting

Image 1. ABIN870698 (1µg/ml) staining of Rat Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.