

**DATASHEET**

**GPR83 Rabbit Polyclonal Antibody**

CAT. NO. APA07964

**KEY FEATURES**

Target	GPR83	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

**BACKGROUND**

G-protein coupled receptor for PEN, a neuropeptide produced from the precursor protein, proSAAS (encoded by PCSK1N). Acts through a G(i)- and G(q)-alpha-mediated pathway in response to PEN . Acts through a G(i)- and G(q)-alpha-mediated pathway in response to PEN . Plays a role in food intake and body weight regulation. May contribute to the regulation of anxiety-related behaviors .

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

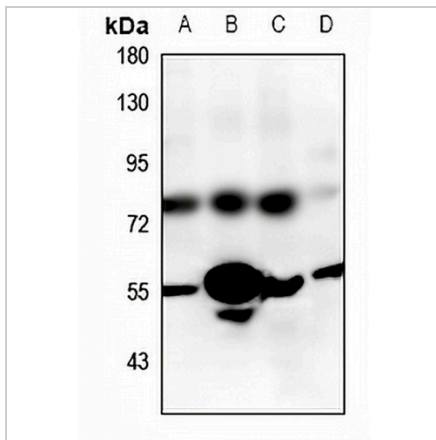
Description	Rabbit polyclonal antibody to GPR83
Specificity	Recognizes endogenous levels of GPR83 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GPR83. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 48 kD; Observed: 55 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	GPR72; KIAA1540; Probable G-protein coupled receptor 83; G-protein coupled receptor 72
Gene Symbol	GPR83
Entrez Gene	10888(Human)
SwissProt	Q9NYM4(Human)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of GPR83 expression in U87MG (A), mouse brain (B), rat brain (C), mouse lung (D) whole cell lysates. (Predicted band size: 48 kD; Observed band size: 55 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.