

Datasheet for ABIN7074003

anti-GPRC6A antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	GPRC6A
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPRC6A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated Synthetic peptide corresponding to Mouse GPRC6A
Cross-Reactivity:	Rat
Purification:	Affinity purification

Target Details

Target:	GPRC6A
Alternative Name:	GPRC6A (GPRC6A Products)
Background:	Receptor activated by amino acids with a preference for basic amino acids such as L-Lys, L-Arg and L-ornithine but also by small and polar amino acids. The L-alpha amino acids respond is augmented by divalent cations Ca ²⁺ and Mg ²⁺ . Activated by extracellular calcium and osteocalcin. Seems to act through a G(q)/G(11) and G(i)-coupled pathway. Mediates the non-genomic effects of androgens in multiple tissue. May coordinate nutritional and hormonal

Target Details

anabolic signals through the sensing of extracellular amino acids, osteocalcin, divalent ions and its responsiveness to anabolic steroids.

Molecular Weight: 120 kDa

Gene ID: 210198

NCBI Accession: [NP_694711](#)

UniProt: [Q8K4Z6](#)

Application Details

Application Notes: WB (M,R) 1:3000-1:6000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS, pH 7.4, 0.02 % sodium azide

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: -20 °C

Images

Western Blotting

Image 1. Western blot analysis of GPRC6A (ABIN7074003) at dilution of 1: 6000

