

[Go to Product page](#)

Datasheet for ABIN7153370

anti-GPRC6A antibody (AA 403-581) (HRP)

Overview

Quantity:	100 µg
Target:	GPRC6A
Binding Specificity:	AA 403-581
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPRC6A antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human G-protein coupled receptor family C group 6 member A protein (403-581AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	GPRC6A
Alternative Name:	GPRC6A (GPRC6A Products)
Background:	Background: Receptor activated by amino acids with a preference for basic amino acids such

Target Details

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 $\text{Ca}(2+)$ and $\text{Mg}(2+)$. 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 anabolic signals through the sensing of extracellular amino acids, osteocalcin, divalent ions and its responsiveness to anabolic steroids.

Aliases: bA86F4.3 antibody, G protein coupled receptor 33 antibody, G protein coupled receptor family C group 6 member A antibody, G-protein coupled receptor family C group 6 member A antibody, G-protein coupled receptor GPCR33 antibody, GPC6A_HUMAN antibody, GPCR 33 antibody, GPCR 6A antibody, GPCR antibody, GPCR33 antibody, GPCR6A antibody, GPR C6A antibody, GPRC 6A antibody, gprc6a antibody, hGPCR 33 antibody, hGPCR33 antibody, hGPCR6A antibody, OTTHUMP00000017075 antibody, Predicted with SOSUI analysis antibody, seven transmembrane helix receptor antibody

UniProt: [Q5T6X5](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

Storage: -20°C , -80°C

Storage Comment: Upon receipt, store at -20°C or -80°C . Avoid repeated freeze.