



Anti-GPRC6A Antibody

Alternative Names: G-protein coupled receptor family C group 6 member A, hGPRC6A, GPRC6A, GPCR, bA86F4.3, GPCR33, hGPCR33

Catalogue Number: AB18-10065-50ug

Size: 50 µg

Background Information

G protein-coupled receptor class C group 6 member A (GPRC6A) is a widely expressed G-protein coupled receptor, believed to be a master regulator of complex endocrine networks and metabolic processes. GPRC6A is activated by multiple ligands, including osteocalcin (Ocn), testosterone (T), basic amino acids, and various cations. [1]

Members of family C of the G protein-coupled receptor (GPCR) superfamily, such as GPRC6A, are characterised by an evolutionarily conserved amino acid-sensing motif linked to an intramembranous 7-transmembrane loop region. Several members of GPCR family C, including GPRC6A, also have a long N-terminal domain.

Product Information

Antibody Type:	Polyclonal	Host:	Rabbit
Isotype:	IgG	Species Reactivity:	Human, Mouse
Immunogen:	Partial length recombinant human GPRC6A from the central region of the protein		
Format:	50 µg in 50 µl PBS containing 0.02% sodium azide.		
Storage Conditions:	6 months: 4°C. Long-term storage: -20°C. Avoid multiple freeze and thaw cycles.		
Applications:	WB IHC WB 1:500-2000. IHC 1:50-200.		

Additional Information

Subcellular location:	Cell membrane, Multi-pass membrane protein	MW:	105kDa (Intended as a general guide and does not allow for all isoforms and species variations)
Gene ID	222545	Uniprot ID:	Q5T6X5



References

1. Min Pi, Satoru Kenneth Nishimoto, L. Darryl Quarles. *Mol Metab.* 2017 Feb; 6(2): 185–193.