

## Anti-GPR132 Antibody

Catalog Number: A07182-3

### About GPR132

GPR132, also known as G2A (G2 accumulation protein), belongs to the G-protein coupled receptor (GPCR) 1 family. GPR132 is a DNA damage and stress inducible GPCR that blocks cells in G2/M. It functions at the G2/M checkpoint to delay mitosis and may serve as a mechanism for T and B cells and other cell types to slow their proliferation and repair damaged DNA to ensure proper replication (PMID: 9770487). Lysophosphatidylcholine (LPC) is a high affinity ligand for GPR132 (PMID: 15653487).

### Overview

Product Name	Anti-GPR132 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-GPR132 Antibody catalog # A07182-3. Tested in IHC, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9UNW8

### Technical Details

Immunogen	E.coli-derived human GPR132 recombinant protein (Position: A216-E377).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry, 1:50-400 ELISA, 1:100-1000

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