

Anti-GPSM1 Antibody

Catalog Number: A04971-1

About GPSM1

GPSM1, also named as AGS3, is a receptor-independent G protein activator that has been implicated in multiple biological events such as brain development, neuroplasticity and addiction, cardiac function, Golgi structure/function, macroautophagy and metabolism. It contains seven tetratricopeptide repeats in its N-terminal half and four G-protein regulatory (GPR) motifs in its C-terminal half. It has been shown that AGS3 could regulate the orientation of the mitotic spindle, cAMP production, membrane protein transport, and asymmetric cell division by binding preferentially to inactive Gai/o subunits complexed with guanine dinucleotide phosphate (GDP) at multiple G-protein regulatory or GoLoco motif repeats. It also plays an important anti-apoptotic role through enhancing the phosphorylation of cyclic AMP response element-binding protein (p-CREB).

Overview

Product Name	Anti-GPSM1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-GPSM1 Antibody catalog # A04971-1. Tested in WB, IHC, ICC, IF, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 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 at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q86YR5

Technical Details

Immunogen	E.coli-derived human GPSM1 recombinant protein (Position: A3-E298).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.

Suggested Dilutions

Western blot, 1:500-2000
Immunohistochemistry, 1:50-400
Immunocytochemistry/Immunofluorescence, 1:50-400
ELISA, 1:100-1000

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Anti-GPSM1 Antibody

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