

Anti-GTPBP4 Antibody

Catalog Number: A10450-2

About GTPBP4

GTP-binding proteins are GTPases and function as molecular switches that can flip between two states: active, when GTP is bound, and inactive, when GDP is bound. 'Active' in this context usually means that the molecule acts as a signal to trigger other events in the cell. When an extracellular ligand binds to a G-protein-linked receptor, the receptor changes its conformation and switches on the trimeric G proteins that associate with it by causing them to eject their GDP and replace it with GTP. The switch is turned off when the G protein hydrolyzes its own bound GTP, converting it back to GDP. But before that occurs, the active protein has an opportunity to diffuse away from the receptor and deliver its message for a prolonged period to its downstream target.

Overview

Product Name	Anti-GTPBP4 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-GTPBP4 Antibody catalog # A10450-2. Tested in WB, ICC/IF, IP, ELISA applications. This antibody reacts with Human, Mouse.
Application	ELISA, IP, IF, 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	Q9BZE4

Technical Details

Immunogen	E.coli-derived human GTPBP4 recombinant protein (Position: 334-631).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000

Immunocytochemistry/Immunofluorescence, 1:50-400
Immunoprecipitation, 1:250-300
ELISA, 1:100-1000

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Anti-GTPBP4 Antibody

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