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BOSTER BIOLOGICAL TECHNOLOGY
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Anti-ARHGEF6 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A05317-1-Fluoro488

About ARHGEF6

Rho guanine nucleotide exchange factor 6 is a protein that, in humans, is encoded by the ARHGEF6 gene. Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein belongs to a family of cytoplasmic proteins that activate the Ras-like family of Rho proteins by exchanging bound GDP for GTP. It may form a complex with G proteins and stimulate Rho-dependent signals. This protein is activated by PI3-kinase. Mutations in this gene can cause X-chromosomal non-specific cognitive disability.

Overview

Product Name	Anti-ARHGEF6 Antibody Picoband® Fluoro488 Conjugated
Reactive Species	Human, Mouse
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q15052

Technical Details

Immunogen	E.coli-derived human ARHGEF6 recombinant protein (Position: E54-R765). Human ARHGEF6 shares 91.2% and 91.3% amino acid (aa) sequence identity with mouse and rat ARHGEF6, respectively.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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Anti-ARHGEF6 Antibody - Fluoro488

For Research Use Only. Not for use in diagnostic procedures.