

Rhotekin RBD Agarose Beads Accessory Reagent

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CATALOG #
AAA44584

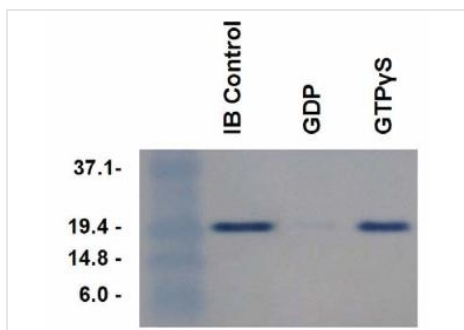
PRODUCT SYNONYMS

Rhotekin RBD Agarose Beads; Rhotekin RBD Agarose Beads accessory reagent

PRODUCT SPECIFICATIONS

Activity	Product specifically interacts and precipitates GTP-bound Rho from cell lysate (Figure 2).
Quantity	800 uL of 50% Agarose slurry, 400 ug Rhotekin-RBD in 1X PBS, 50% Glycerol
Preparation and Storage	-20 degree C. Shelf Life: 1 year from receipt under proper storage conditions; avoid multiple freeze thaw cycles

IMAGES



Application Data


Figure 1: Rhotekin-RBD Beads in Color

Application Data

ADDITIONAL INFORMATION

Related Product Information for Rhotekin RBD Agarose Beads accessory reagent	• Pull down the active form of Rho • Colored for easy visualization Small GTP-binding proteins (or GTPases) are a family of proteins that serve as molecular regulators in signaling transduction pathways. Rho, a 21 kDa protein, regulating a variety of biological response pathways that include cell growth, cell transformation and tumor invasion. Like other small GTPases, Rho regulates molecular events by cycling between an inactive GDP-bound form and an active GTP-bound form. In its active (GTP-bound) state, Rho binds specifically to the Rho-binding domain (RBD) of Rhotekin to control downstream signaling cascades.
Product Categories/Family for Rhotekin RBD Agarose Beads accessory reagent	Cell Signaling and Protein Biology ; G Protein Signaling/Small GTPase Assays and Vectors ; Small GTPase Research Tools ; Small GTPase Assay Beads
References	1. Ren X.D. and Schwartz M. A. (2000) Methods Enzymol. 325, 264-72. 1. Sabbatini, M. et al. (2008). Rap1 activation plays a regulatory role in pancreatic amylase secretion. J. Biol. Chem. 283:23884-23894. 2. Sabbatini, M. E. et al. (2010). CCK activates RhoA and Rac1 differentially through G-alpha-13 and G-alpha-q in mouse pancreatic acini. Am. J. Physiol. Cell Physiol. 298:C592-C605.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/accessory-reagent/rhotekin-rbd-agarose-beads/44584>