

Product Datasheet

RALBP1 Antibody

Catalog No: CY5676

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC FC



www.abways.com

Information

UniProt ID: Q15311

All Names: RALBP1; RIP1; RLIP1; RLIP76;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 95 kDa

Application

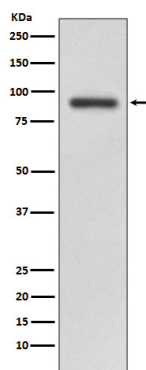
WB: 1:5000~1:10000

IHC: 1:50~1:200

FC: 1:50

Background

The RalA binding protein 1 (RalBP1 or RLIP76) was originally identified as a GTP-RalA associated protein that acted as a downstream RalA effector in regulating Ral-Ras signaling (1). RalBP1 interacts with RalA and the endocytosis protein REPS2 (POB1) through its carboxy-terminal Ral binding domain. RalBP1 has an intrinsic GTPase activating function and interacts with Cdc42 through its centrally located Rho-GAP domain (1-3). A protein complex containing RalBP1/POB1/RalA regulates endocytosis of membrane receptors (4). RalBP1 also functions as a non-ABC transporter that catalyzes the ATP-dependent transport of numerous xenobiotics, including glutathione conjugates and some chemotherapeutic agents. RalBP1 transporter activity may play an important role in detoxification, drug resistance and the stress response (5-7). Increased expression of RalBP1 protein is associated with some forms of cancer and regression of cancer xenografts results from RalBP1 inhibition (8,9). Evidence to date suggests that RalBP1 may be a promising therapeutic target for cancer therapy.



Western blot analysis of RALBP1 expression in HeLa cell lysate.

For Research Use Only. Not For Use In Diagnostic Procedures.

www.abways.com