

Product datasheet for TA321790

RALBP1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications:

Recommended Dilution: WB: 1:500-2000

Reactivity: Human, Mouse, Rat

Rabbit Host: Isotype: lgG

Clonality: Polyclonal

Immunogen: Fusion protein corresponding to C terminal 260 amino acids of human ralA binding protein 1

Formulation: PBS pH7.3, 0.05% NaN3, 50% glycerol

Concentration: lot specific

Purification: Antigen affinity purification

Conjugation: Unconjugated

Store at -20°C as received. Storage:

Stable for 12 months from date of receipt. Stability:

Predicted Protein Size: 76 kDa

Gene Name: ralA binding protein 1

Database Link: NP 006779

Entrez Gene 19765 MouseEntrez Gene 84014 RatEntrez Gene 10928 Human

Q15311



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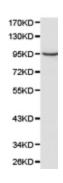
Background:

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). RalBP1 interacts with RalA and the endocytosis protein REPS2 (POB1) through its carboxyterminal Ral binding domain. RalBP1 has an intrinsic GTPase activating function and interacts with Cdc42 through its centrally located Rho-GAP domain. A protein complex containing RalBP1/POB1/RalA regulates endocytosis of membrane receptors. 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). Increased expression of RalBP1 protein is associated with some forms of cancer and regression of cancer xenografts results from RalBP1 inhibition. Evidence to date suggests that RalBP1 may be a promising therapeutic target for cancer therapy.

RIP1; RLIP1; RLIP76 Synonyms:

Protein Pathways: Pancreatic cancer, Pathways in cancer

Product images:



Predicted band size: 76 kDa. Positive control: K562 cell lysate. Recommended dilution: 1/500-2000. (Gel: 8%SDS-PAGE Lysate: 40 ug Primary antibody: 1/500 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000

dilution Exposure time: 1 minute)