

Anti-RKIP/PEBP1 Antibody (4L941)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	4L941
Purification:	Protein A

Applications

Anti-PEBP1 rabbit monoclonal antibody at 1:500 dilution.

-Lane A: HeLa Whole Cell Lysate.

-Lane B: A549 Whole Cell Lysate.

-Lane C: HepG2 Whole Cell lysate.

-Lysates/proteins at 30 µg per lane.

Verified Activity:

-Secondary

-Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.

-Developed using the Odyssey technique.

-Performed under reducing conditions.

-Predicted band size:21 kDa.

-Observed band size:21 kDa(We are unsure as to the identity of these extra bands.)

Application: ELISA,WB

Recommended WB: 1:500-1:2000; ELISA: 1:5000-1:10000

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein: Human PEBP1 / RKIP Protein (TMPY-00146)

Antigen Species: Human

Synonyms: HEL-210;PBP;phosphatidylethanolamine binding protein 1;HEL-S-34;RKIP;HCNP;PEBP-1;HCNPpp;PEBP

Biology Area: Serine Proteases and Regulators

Research Background

Phosphatidylethanolamine-binding protein 1 (PEBP1), also known as Raf kinase inhibitor protein, belongs to PEBP family of proteins. It is known to interact with many proteins that are mainly involved in pathways that monitor cell proliferation and differentiation. PEBP1 in many cells interacts with several pathways, namely MAPK, GRK2, NF-small ka, CyrillicB, etc. that keeps the cell proliferation and differentiation in check. This protein is expressed by many cells in humans, including neurons where it is predominantly involved in production of choline acetyltransferase. Deregulated PEBP1 is known to cause cancer, diabetic nephropathy and neurodegenerative diseases like

Alzheimer's and dementia.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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