
IRS P53 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250725

Unit: 0.1 mg

Description:

Insulin receptor substrate P53 (IRS P53) has been identified as a brain-specific angiogenesis inhibitor (BAI1)-binding protein. This interaction at the cytoplasmic membrane is crucial to the function of IRS P53, which is involved in neuronal growth-cone guidance. This protein functions as an insulin receptor tyrosine kinase substrate and suggests a role for insulin in the central nervous system. IRS P53 has also been identified as interacting with the dentatorubral-pallidoluysian atrophy gene, which is associated with an autosomal dominant neurodegenerative disease. It also associates with a downstream effector of Rho small G proteins, which is associated with the formation of stress fibers and cytokinesis.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: IRS P53; Insulin receptor substrate P53; Brain-specific angiogenesis inhibitor 1-associated protein 2; BAI1-associated protein 2; BAI-associated protein 2; BAP2; Insulin receptor substrate protein of 53 kDa; IRSp53; Insulin receptor substrate p53/p58; IRSp53/58; IRS-58; Fas ligand-associated factor 3; FLAF3; BAIAP2

Accession No.: Q9UQB8

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human IRS P53.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.