

AKAP-10 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252015

Unit: 0.1 mg

Description:

A-kinase anchor protein 10, mitochondrial (AKAP-10) is a differentially targeted protein that binds to type I and II regulatory subunits of protein kinase A and anchors them to the mitochondria or the plasma membrane. Although the physiological relevance between PKA and AKAPS with mitochondria is not fully understood, one hypothesis that BAD, a proapoptotic member, is phosphorylated and inactivated by mitochondria-anchored PKA. PKA, via its RGS domain, provides a link between the signaling machinery and downstream kinases.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H

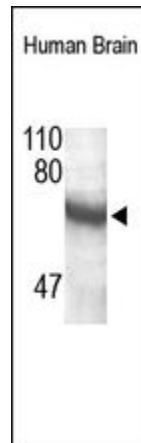
Format: Each vial contains 0.1 mL of crude serum with 0.09% sodium azide.

Alternate Names: A kinase anchor protein 10, mitochondrial; AKAP-10; Protein kinase A-anchoring protein 10; PRKA10; Dual specificity A kinase-anchoring protein 2; D-AKAP-2; AKAP10

Accession No.: O43572

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human AKAP-10.

Application Notes: E: 1:10,000-1:50,000; WB: 1:100-1:1,000



The AKAP-10 Antibody is used in Western blot to detect AKAP-10 in human fetal brain lysates.

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.