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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB06333 - Goat Anti-AKAP10 / D-AKAP2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: protein kinase A anchoring protein 10, mitochondrial A kinase PPKA anchor protein 10, dual-specificity A-kinase anchoring protein 2, A-kinase anchor protein 10, dual specificity A-Kinase anchoring protein 2, A kinase (PRKA) anchor protein 10, MGC:9414, D-AKAP2, PRKA10, AKAP10

Official Symbol: AKAP10

Accession Number(s): NP_009133.2

Human GeneID(s): [11216](#)

Non-Human GeneID(s): 56697 (mouse)

Immunogen

Peptide with sequence C-AQYDQPLEKSTKL, from the C Terminus of the protein sequence according to NP_009133.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Preliminary experiments gave no signal but low background in Human Skeletal Muscle lysates at up to 1µg/ml. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

Species Reactivity

Tested:

Expected from sequence similarity: Human, Mouse, Dog

Background Reference

Huang LJ, Durick K, Weiner JA, Chun J, Taylor SS.

D-AKAP2, a novel protein kinase A anchoring protein with a putative RGS domain. Proc Natl Acad Sci U S A. 1997 Oct 14;94(21):11184-9.

PMID: 9326583