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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.

EB06318 - Goat Anti-AKAP6 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: protein kinase A anchoring protein 6, A-kinase anchor protein 6, MGC165020, A-kinase anchor protein 100, A kinase (PRKA) anchor protein 6, KIAA0311, AKAP100, ADAP100, mAKAP, PRKA6, ADAP6, AKAP6

Official Symbol: AKAP6

Accession Number(s): NP_004265.3

Human GeneID(s): [9472](#)

Non-Human GeneID(s): 238161 (mouse), 64553 (rat)

Immunogen

Peptide with sequence LTMSVTLSPQRSQ-C, from the N Terminus of the protein sequence according to NP_004265.3.

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 1:16000.

Western blot: This antibody showed a 190kDa band in lysates of Mouse Heart and of Mouse Parotid (salivary) gland as described by Wu et al, Am J Physiol Cell Physiol. 2010 May;298(5):C1151-8. PMID: 20164376.

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow

Specific Reference

The goat polyclonal antibody described in this paper was manufactured by us Wu CY, DiJulio DH, Jacobson KL, McKnight GS, Watson EL.

The contribution of AKAP5 in amylase secretion from mouse parotid acini. Am J Physiol Cell Physiol. 2010 May;298(5):C1151-8.

PMID: 20164376