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diagnostic or therapeutic use.**

EB08357 - Goat Anti-APOBEC2 (aa12 - 26) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: APOBEC2, apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 2, ARCD1, ARP1, OTTHUMP00000039773, apolipoprotein B mRNA editing enzyme, catalytic polypeptide 2

Official Symbol: APOBEC2

Accession Number(s): NP_006780.1

Human GeneID(s): [10930](#)

Non-Human GeneID(s): 11811 (mouse), 301226 (rat)

Immunogen

Peptide with sequence C-EAASQNGEDLENLDD, from the internal region (near the N Terminus) of the protein sequence according to NP_006780.1.

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 1:1000.

Western blot: Approx 26kDa band observed in Human Heart and Skeletal Muscle lysates (calculated MW of 25.7kDa according to NP_006780.1). Recommended concentration: 1-3µg/ml. An additional band of 90kDa was consistently observed, however this band was not blocked by the immunizing peptide and it is therefore a non-specific signal. We call for caution when used for other assays than Western blot.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat



EB08357 (1 μ g/ml) staining of Human Heart lysate (35 μ g protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.