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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

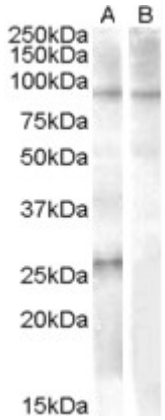
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

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