

## **UK Office**

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#### EB08444 - Goat Anti-APOBEC2 (aa180 - 190) 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-KPQDFEYVWQN, from the internal region 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 1:128000. Western blot: Approx 26kDa band observed in Human Skeletal Muscle lysates (calculated MW of 25.7kDa according to NP\_006780.1). Recommended concentration: 1-3µg/ml.

#### **Species Reactivity**

Tested: Human Expected from sequence similarity: Human, Mouse, Rat, Cow

	250kDa 150kDa 100kDa
	75kDa
	50kDa
	37kDa
-	25kDa
	20kDa
	15kDa

EB08444 (1µg/ml) staining of Human Muscle lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.