

### **International Office**

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# EB07744 - Goat Anti-APOBEC3G Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** APOBEC3G, apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3G, ARP9, CEM15, FLJ12740, MDS019, bK150C2.7, dJ494G10.1, DNA dC->dU editing enzyme, OTTHUMP00000028911, apolipoprotein B mRNA editing enzyme catalytic polypeptide-like 3G, phorbolin-like protein MDS019

Official Symbol: APOBEC3G

Accession Number(s): NP\_068594.1

Human GeneID(s): 60489

## **Immunogen**

Peptide with sequence C-DEHSQDLSGRLR, from the C Terminus of the protein sequence according to NP\_068594.1.

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 1:16000.

**Western blot:** Approx. 45kDa band observed in lysates of cell line Daudi (calculated MW of 46.4kDa according to NP\_068594.1). Recommended concentration: 0.5-1.5μg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Testis and Kidney. Recommended concentration: 2.5µg/ml.

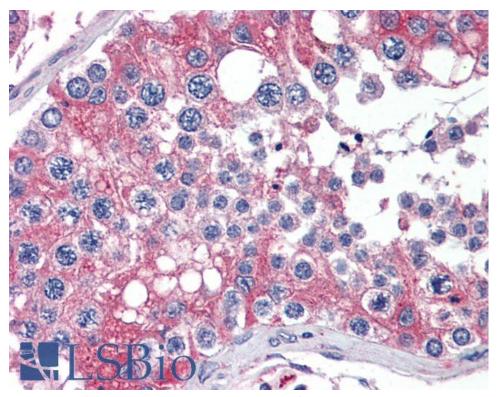
### **Species Reactivity**

Tested: Human

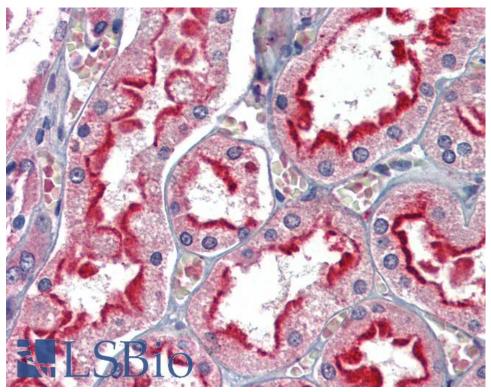
Expected from sequence similarity: Human

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

 $EB7744\ (0.5\mu g/ml)\ staining\ of\ Daudi\ lysate\ (35\mu g\ protein\ in\ RIPA\ buffer).\ Detected\ by\ chemiluminescence.$ 



EB07744 (2.5 $\mu$ g/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB07744 (2.5 $\mu$ g/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.