



## International Office

### Everest Biotech Ltd

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## 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, phorbol-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.

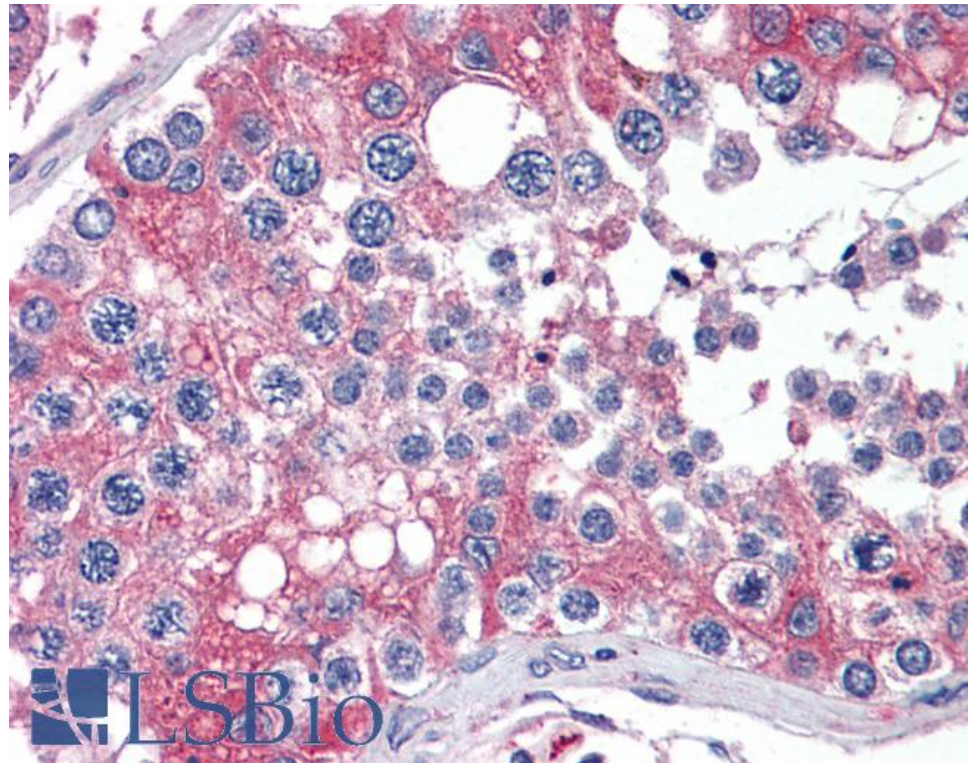
### Species Reactivity

**Tested:** Human

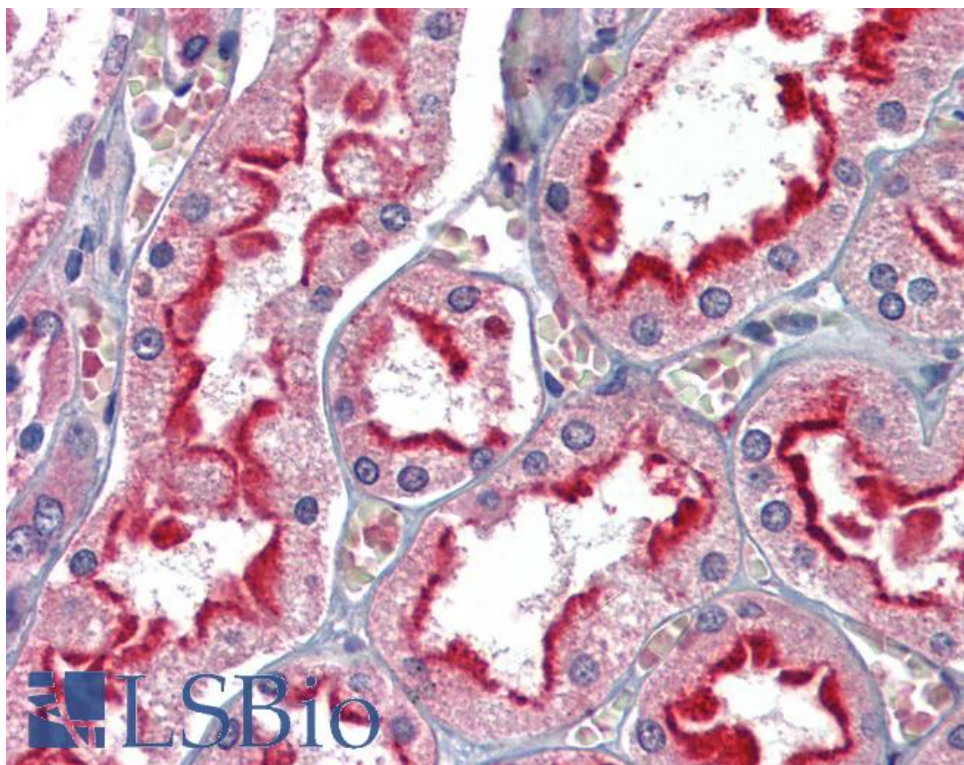
**Expected from sequence similarity:** Human

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

EB7744 (0.5µg/ml) staining of Daudi lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



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



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