



## UK Office

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

## EB12346 - Goat Anti-alpha-fetoprotein (aa68-82) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** AFP, alpha-fetoprotein, FETA, HPAFP, alpha-1-fetoprotein, alpha-fetoglobulin

**Official Symbol:** AFP

**Accession Number(s):** NP\_001125.1

**Human GeneID(s):** [174](#)

### Immunogen

Peptide with sequence C-KDALTAIEKPTGDEQ, from the internal region of the protein sequence according to NP\_001125.1.

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 70kDa band observed in lysates of cell line HepG2 (calculated MW of 68.7kDa according to NP\_001125.1). Recommended concentration: 0.3-1µg/ml.

**IHC:** Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.

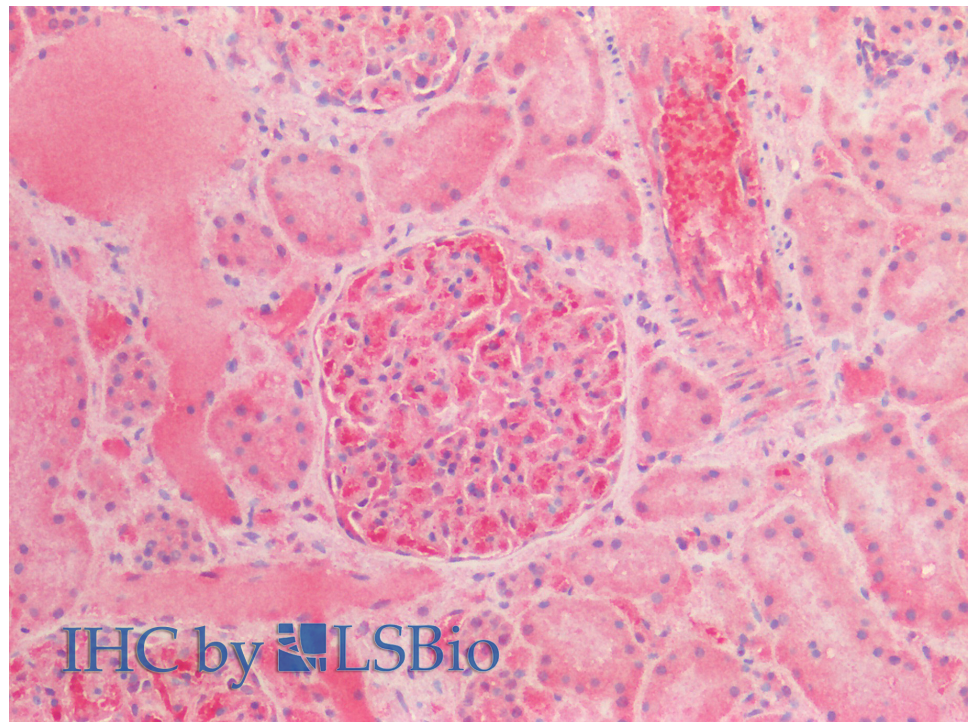
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB12346 (0.3µg/ml) staining of HepG2 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB12346 (5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.