

## UK Office

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

## EB07225 - Goat Anti-EXOC7 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** EXOC7, exocyst complex component 7, HGNC:23214, 2-5-3p, EXO70, Exo70p, YJL085W

**Official Symbol:** EXOC7

**Accession Number(s):** NP\_001013861.1; NP\_056034.2; NP\_001138769.1;  
NP\_001138771.1; NP\_001138770.1

**Human GeneID(s):** [23265](#)

**Important Comments:** This antibody is expected to recognise all five reported isoforms (NP\_001013861.1; NP\_056034.2; NP\_001138769.1; NP\_001138771.1; NP\_001138770.1).

### Immunogen

Peptide with sequence C-DNIKNDPDKKEYN, from the internal region of the protein sequence according to NP\_001013861.1; NP\_056034.2; NP\_001138769.1; NP\_001138771.1; NP\_001138770.1.

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 70kDa band observed in Human Lung lysates (calculated MW of 74.7kDa according to NP\_056034.2). Recommended concentration: 0.5-1.5µg/ml.

**IHC:** In paraffin embedded Human Adrenal Gland shows staining of cytoplasm membranes and cytoplasm of secretory cells in the medulla. Recommended concentration, 5-10µg/ml.

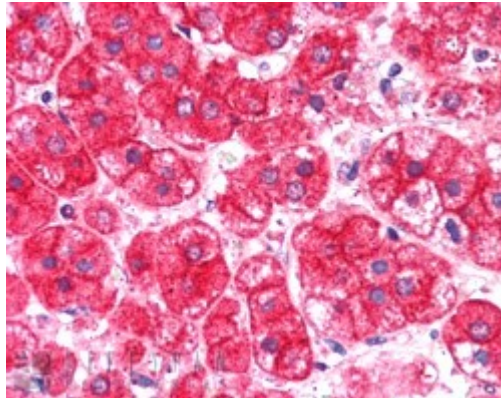
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Pig, Cow



EB07225 (0.5 $\mu$ g/ml) staining of Human Lung lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB07225 (0.5 $\mu$ g/ml) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.