

## UK Office

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

## EB12230 - Goat Anti-CutA protein Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CUTA, cutA divalent cation tolerance homolog (E. coli), ACHAP, C6orf82, acetylcholinesterase-associated protein, brain acetylcholinesterase putative membrane anchor, divalent cation tolerant protein CUTA, protein CutA

**Official Symbol:** CUTA

**Accession Number(s):** NP\_001014433.1; NP\_057005.1; NP\_001014840.1

**Human GeneID(s):** [51596](#)

**Important Comments:** This antibody is expected to recognize all reported isoforms (NP\_001014433.1; NP\_057005.1; NP\_001014840.1). Reported variants represent identical protein: NP\_001014837.1, NP\_001014838.1, NP\_057005.1.

### Immunogen

Peptide with sequence C-QVTESVSDSIT, from the C Terminus of the protein sequence according to NP\_001014433.1; NP\_057005.1; NP\_001014840.1.

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 1:64000.

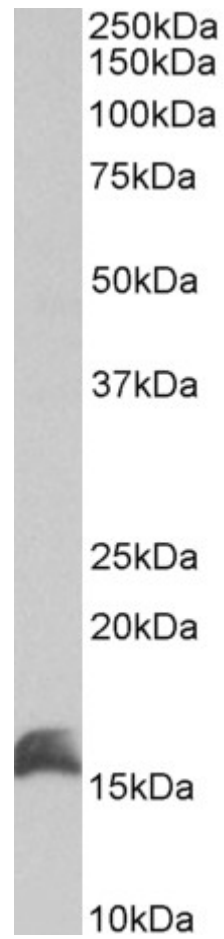
**Western blot:** Approx 16kDa band observed in lysates of cell line Kelly (calculated MW of 16.8kDa according to NP\_057005.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.

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

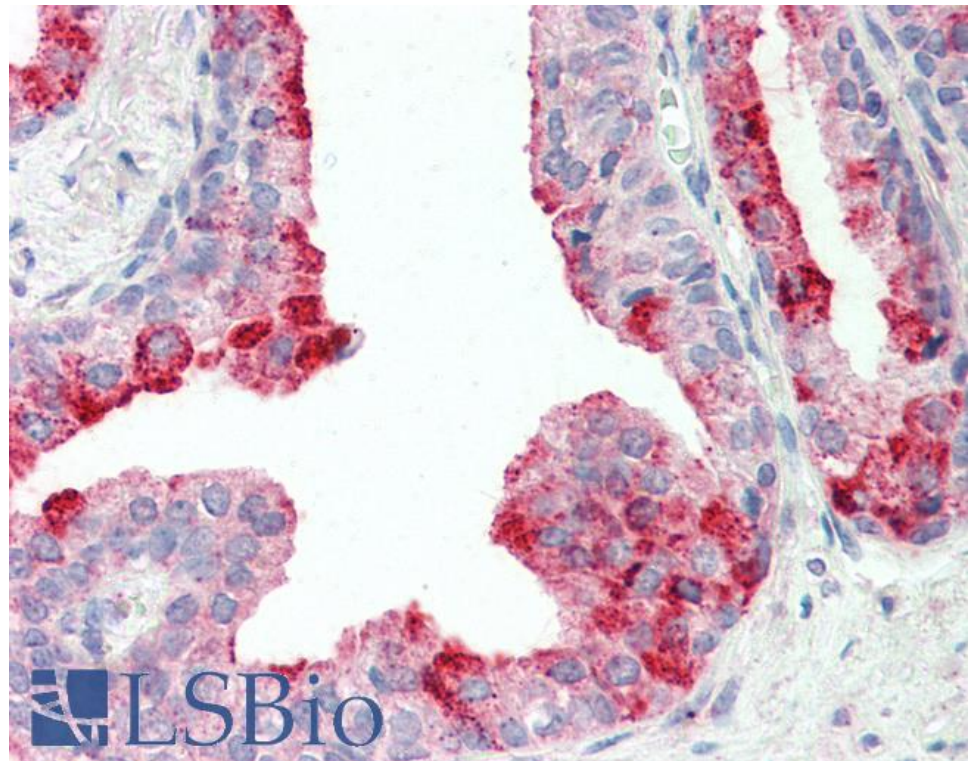
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB12230 (1 $\mu$ g/ml) staining of Kelly lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB12230 (5 $\mu$ g/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.