

#### **International 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:  $1-3\mu g/ml$ . Primary incubation was 1 hour.

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

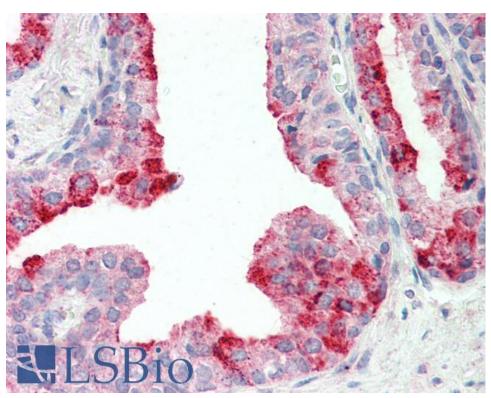
## **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human

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

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



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