

## UK Office

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

## EB08261 - Goat Anti-ATP13A1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ATP13A1, ATPase type 13A1, ATP13A, CGI-152, DKFZp761L1623, FLJ31858, FLJ41786, FLJ43873, FLJ90317, KIAA1825, cation transporting ATPase, cation-transporting ATPase

**Official Symbol:** ATP13A1

**Accession Number(s):** NP\_065143.2

**Human GeneID(s):** [57130](#)

**Non-Human GeneID(s):** 170759 (mouse), 290673 (rat)

### Immunogen

Peptide with sequence C-REAQARSPEKQEQ, from the internal region of the protein sequence according to NP\_065143.2.

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 110kDa band observed in Human Kidney lysates (calculated MW of 133kDa according to NP\_065143.2). Recommended concentration: 0.3-1µg/ml.

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

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog

EB08261 (0.3µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB08261 (5µg/ml) staining of paraffin embedded Human Thyroid. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.