

## UK Office

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

## EB07772 - Goat Anti-PAX6 (internal) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PAX6, paired box gene 6 (aniridia, keratitis), AN, AN2, D11S812E, MGC17209, MGDA, WAGR, paired box gene 6, paired box homeotic gene 6 (aniridia, keratitis), paired box homeotic gene-6

**Official Symbol:** PAX6

**Accession Number(s):** NP\_000271.1; NP\_001595.2

**Human GeneID(s):** [5080](#)

**Non-Human GeneID(s):** 18508 (mouse), 25509 (rat)

**Important Comments:** This antibody is expected to recognise both reported isoforms (NP\_000271.1 and NP\_001595.2).

### Immunogen

Peptide with sequence C-REEKLRNQRRQASN, from the internal region of the protein sequence according to NP\_000271.1; NP\_001595.2.

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 1:32000.

**Western blot:** Approx 50kDa band observed in Mouse Eye lysates (calculated MW of 48.2kDa according to Human NP\_001595.2, and to Mouse NP\_038655.1).

Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Mouse

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

EB07772 (0.5µg/ml) staining of Mouse Eye lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.