



## UK Office

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

## EB05042 - Goat Anti-ZCCHC11 / PAPD3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ZCCHC11, KIAA0191, zinc finger, CCHC domain containing 11, PAPD3, PAP associated domain containing 3

**Official Symbol:** TUT4

**Accession Number(s):** NP\_001009881.1; NP\_056084.1; NP\_001009882.1

**Human GeneID(s):** [23318](#)

**Important Comments:** This antibody is expected to recognize all 3 reported isoforms (as represented by NP\_001009881.1; NP\_056084.1; NP\_001009882.1)

### Immunogen

Peptide with sequence RERCPHPPRGNVSE, from the C Terminus of the protein sequence according to NP\_001009881.1; NP\_056084.1; NP\_001009882.1.

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.

**IHC:** In paraffin embedded Human Lymph Node shows nuclear staining of select lymphocytes and staining of macrophages. Recommended concentration: 2-6µg/ml.

**Immunofluorescence:** Strong expression of the protein seen in the cytoplasm of A431 cells. Recommended concentration: 10µg/ml.

### Species Reactivity

**Tested:** Human

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

EB05042 (4µg/ml) staining of paraffin embedded Human Lymph Node. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.

EB05042 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).