

## UK Office

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

## EB08503 - Goat Anti-DNA polymerase theta Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** POLQ, polymerase (DNA directed), theta, DKFZp781A0112, POLH, PRO0327, DNA polymerase eta, DNA polymerase theta

**Official Symbol:** POLQ

**Accession Number(s):** NP\_955452.3

**Human GeneID(s):** [10721](#)

### Immunogen

Peptide with sequence DTHQQLTCSNDES, from the internal region of the protein sequence according to NP\_955452.3.

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 1:1000.

**Western blot:** Preliminary experiments in Human Brain (Cerebellum lysates) and in lysates of cell line HeLa gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human