

UK Office

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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): <u>10721</u>

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).

Species Reactivity Tested: Expected from sequence similarity: Human

