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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).

Species Reactivity

Tested:

Expected from sequence similarity: Human