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Research Use Only. Not for diagnostic or therapeutic use.

EB07209 - Goat Anti-Ku80 / XRCC5 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: XRCC5, KU80, X-ray repair complementing defective repair in Chinese hamster cells 5 (double-strand-break rejoining Ku autoantigen, 80kDa), HGNC:12833, KARP-1, KARP1, Ku86, NFIV, ATP-dependent DNA helicase II, DNA repair protein XRCC5, Ku86 autoantigen related protein 1, Ku autoantigen, 80kD, X-ray repair, complementing defective, repair in Chinese hamster

Official Symbol: XRCC5

Accession Number(s): NP_066964.1

Human GeneID(s): 7520

Immunogen

Peptide with sequence C-SLAKKDEKTDTLED, from the internal region of the protein sequence according to NP_066964.1.

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.

Western blot: Approx 80-85kDa band observed in lysates of HeLa (calculated MW of 82.7kDa according to NP_066964.1). Recommended concentration: 0.1-0.3µg/ml. An additional band of 75kDa was observed consistent with products from other sources. **IHC:** Paraffin embedded Human Spleen. Recommended concentration: 5µg/ml.

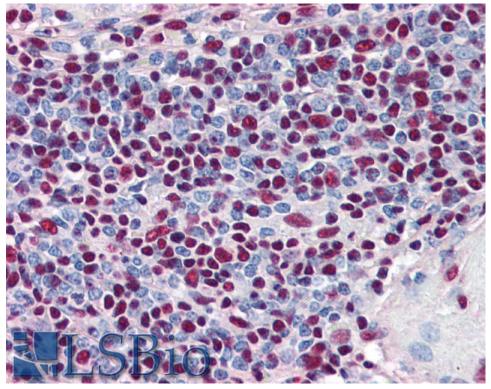
Species Reactivity

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa

EB07209 (0.1 μ g/ml) staining of HeLa cell lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB07209 (5µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.