

Goat anti-ERCC6 (aa717-731) Antibody

Item Number	dAP-2984
Target Molecule	Principle Name: ERCC6 (aa717-731); Official Symbol: ERCC6; All Names and Symbols: ERCC6; excision repair cross-complementing rodent repair deficiency, complementation group 6; ARMD5; CKN2; COFS; COFS1; CSB; RAD26; ATP-dependent helicase ERCC6; Cockayne syndrome B protein; Cockayne syndrome group B protein; DNA excision repair protein E; Accession Number (s): NP_000115.1; Human Gene ID(s): 2074; Non-Human GeneID(s): 319955 (mouse) 306274 (rat)
Immunogen	SNASPVQVKTAYKCA, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 170kDa band observed in nuclear lysates of cell line HeLa (calculated MW of 168kDa according to NP_000115.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Zhang H, Gao J, Ye J, Gong Z, Gu X. Maternal origin of a de novo microdeletion spanning the ERCC6 gene in a classic form of the Cockayne syndrome. Eur J Med Genet. 2011 Jul-Aug;54(4):e389-93..PMID: 21477668->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**