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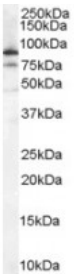
XRCC5 Antibody

CATALOG NUMBER: 45-173



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

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	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: 0.1-0.3ug/ml. An additional band of 75kDa was observed consistent with products from other sources.
POSITIVE CONTROL:	1) Cat. No. 1201 - HeLa Cell Lysate
	2) Cat. No. 1313 - Human Testis Tissue Lysate
IMMUNOGEN:	XRCC5 antibody was raised against a 14 amino acid synthetic peptide near the internal region of XRCC5.
HOST SPECIES:	Goat

Properties

PURIFICATION:	XRCC5 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	XRCC5 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20˚C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	XRCC5, X-ray repair complementing defective repair in Chinese hamster cells 5 (double-strand-break rejoining Ku autoantigen, 80 kDa), HGNC:12833, KARP-1, KARP1, KU80, 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, G22P2
ACCESSION NO.:	NP_066964.1

PROTEIN GI NO.:	10863945
OFFICIAL SYMBOL:	XRCC5
GENE ID:	7520

Background

REFERENCES: 1) Mayeur GL, Kung WJ, Martinez A, Izumiya C, Chen DJ, Kung HJ. Ku is a novel transcriptional recycling coactivator of the androgen receptor in prostate cancer cells. J Biol Chem. 2005 Mar 18;280(11):10827-33. Epub 2005 Jan 7.

FOR RESEARCH USE ONLY

December 13, 2016