

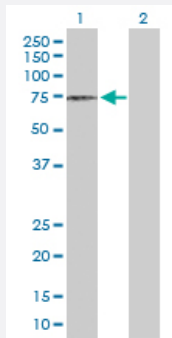
MaxPab®

DCLRE1C purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00064421-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of DCLRE1C expression in transfected 293T cell line ([H00064421-T02](#)) by DCLRE1C MaxPab polyclonal antibody.

Lane 1: DCLRE1C transfected lysate(50.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human DCLRE1C protein.
Immunogen	DCLRE1C (AAH22254.1, 1 a.a. ~ 434 a.a) full-length human protein.
Sequence	MSSFEGQMAEYPTISIDRFDRENLRARAYFLSHCHKDHMKGLRAPTLKRRLECSLKVLYCSPVT KELLTSPKYRFWKKRIISIEITPTQISLVDEASGEKEENVTLTPAGHCPGSVMFLFQGNNGTVLYT GDFRLAQGEAARMELLHSGGRVKDIQSVYLDTTFCDFRYQIPSRREECLSGVLELVRSWITRSPY HVWVLNCKAAYGYEYLFNTLSEELGVQVHVNKLDMFRNMPEILRHLTTDRNTQIHACRHPKAEY FQWSKLP CGITSRNRIPLHIISIKPSTMWFGERSRKTNVIVRTGESSYACFSFHSSYSEIKDFLSYL CPVNAYPNVIPVGTMDKVVEILKPLCRSSQSTEPKYKPLGKLKRARTVHRDSGSHSVTQARMR WCHHDSLYPLTPGIKRSSCLSLTTSWITGAYRHAQLMI
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (89)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — DCLRE1C

Entrez GeneID [64421](#)

GeneBank Accession# [BC022254.1](#)

Protein Accession# [AAH22254.1](#)

Gene Name DCLRE1C

Gene Alias A-SCID, DCLREC1C, FLJ11360, FLJ36438, RS-SCID, SCIDA, SNM1C

Gene Description DNA cross-link repair 1C (PSO2 homolog, *S. cerevisiae*)

Omim ID [602450](#) [603554](#) [605988](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a nuclear protein that is involved in V(D)J recombination and DNA repair. The protein has single-strand-specific 5'-3' exonuclease activity; it also exhibits endonuclease activity on 5' and 3' overhangs and hairpins when complexed with protein kinase, DNA-activated, catalytic polypeptide. Mutations in this gene cause Athabasca-type severe combined immunodeficiency (SCIDA). [provided by RefSeq]

Other Designations OTTHUMP00000019166|OTTHUMP00000019167|OTTHUMP00000019168|OTTHUMP00000019170|OTTHUMP00000019171|OTTHUMP00000019172|OTTHUMP00000019174|OTTHUMP0000045150|artemis protein|severe combined immunodeficiency, type a (Athabasca)

Pathway

- [Non-homologous end-joining](#)

- [Primary immunodeficiency](#)

Disease

- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Immunologic Deficiency Syndromes](#)
- [Lymphopenia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)
- [Severe combined immunodeficiency](#)
- [Werner syndrome](#)