

DCLRE1A polyclonal antibody

Catalog # PAB6624

Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of DCLRE1A.
Immunogen	A synthetic peptide corresponding to human DCLRE1A.
Sequence	C-EKYFREWKLEAGY
Host	Goat
Theoretical MW (kDa)	116
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:16000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — DCLRE1A

Entrez GeneID [9937](#)

Protein Accession# [NP_055696](#)

Gene Name DCLRE1A

Gene Alias KIAA0086, PSO2, SNM1, SNM1A, hSNM1

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

Omim ID [609682](#)

Gene Ontology [Hyperlink](#)

Gene Summary DNA interstrand cross-links prevent strand separation, thereby physically blocking transcription, replication, and segregation of DNA. DCLRE1A is one of several evolutionarily conserved genes involved in repair of interstrand cross-links (Dronkert et al., 2000 [PubMed 10848582]).[supplied by OMIM]

Other Designations DNA-crosslink repair gene SNM1|OTTHUMP00000020516|OTTHUMP00000020517

Publication Reference

- [hSnm1 colocalizes and physically associates with 53BP1 before and after DNA damage.](#)

Richie CT, Peterson C, Lu T, Hittelman WN, Carpenter PB, Legerski RJ.

Molecular and Cellular Biology 2002 Dec; 22(24):8635.

Application: IF, IP, Human, MCF-7, HT-1080, HEK 293 cells

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)