

anti-Human, Mouse Artemis Antibody | anti-DCLRE1C antibody

Artemis (Phospho-Ser516) Antibody

CATALOG # AAA267406	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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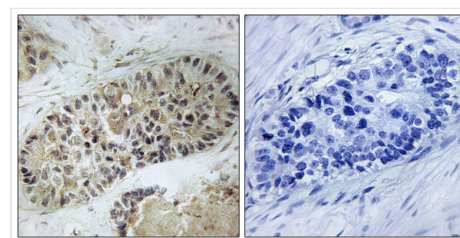
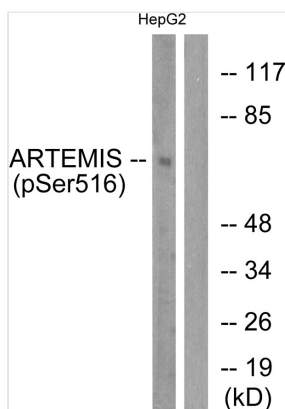
PRODUCT SYNONYMS

Artemis; Artemis (Phospho-Ser516) Antibody; A-SCID protein; ARTEMIS; ASCID; DCLRE1C; DCR1C; DNA cross-link repair 1C protein; EC 3.1.-.-; SCIDA; SNM1-like protein; SNM1C; anti-DCLRE1C antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	Artemis (Phospho-Ser516) antibody detects endogenous levels of Artemis only when phosphorylated at serine 516.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	692
Applicable Applications for anti-DCLRE1C antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Artemis around the phosphorylation site of serine 516 (G-G-SP-Q-S).
All Sites	Human: Ser516 Mouse: Ser518
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using Artemis (Phospho-Ser516) antibody. Western blot analysis of extracts from HepG2 cells, treated with EGF (200ng/ml, 30mins), using Artemis (Phospho-Ser516) antibody.

ADDITIONAL INFORMATION

References	Moshous D., Cell 105:177-186(2001). Li L., J. Immunol. 168:6323-6329(2002). Ota T., Nat. Genet. 36:40-45(2004).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	76496497
NCBI GeneID	64421
NCBI Accession #	NP_001029027.1
NCBI GenBank Nucleotide #	NM_001033855.2
UniProt Accession #	Q96SD1; Q1HCL2; Q5JSR4; Q5JSR5; Q5JSR7; Q5JSR8; Q5JSR9; Q5JSS0; Q5JSS7; Q6PK14; Q8N101; D3DRT6
Molecular Weight	49,944 Da
NCBI Official Full Name	protein artemis isoform a
NCBI Official Synonym Full Names	DNA cross-link repair 1C
NCBI Official Symbol	DCLRE1C
NCBI Official Synonym Symbols	SCIDA; SNM1C; A-SCID; RS-SCID; DCLREC1C
NCBI Protein Information	protein artemis
UniProt Protein Name	Protein artemis
UniProt Gene Name	DCLRE1C
UniProt Synonym Gene Names	ARTEMIS; ASCID; SCIDA; SNM1C; hSNM1C

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/artemis/267406>