

## Anti-Phospho-Artemis (Ser516) Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse
Conjugation:	Unconjugated
Molecular Weight:	Actual: 78 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

### Applications

Application:	WB,IHC-P,IF(paraffin section),ELISA
Recommended	WB: 1:500-2000; IHC-P: 1:100-300; ELISA: 1:5000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthesized phosphopeptide: human Artemis around the phosphorylation site of Ser516. AA range:482-531
Antigen Species:	human
Uniprot ID:	Q96SD1
Synonyms:	p-Artemis (S516);Artemis (p-Ser516);Artemis (p-S516);p-Artemis (Ser516)

### Research Background

DNA cross-link repair 1C(DCLRE1C) Homo sapiens This gene encodes a nuclear protein that is involved in V(D)J recombination and DNA repair. The encoded protein has single-strand-specific 5' and 3' exonuclease activity; it also exhibits endonuclease activity on 5' and 3' overhangs and hairpins. The protein also functions in the regulation of the cell cycle in response to DNA damage. Mutations in this gene can cause Athabaskan-type severe combined immunodeficiency (SCIDA) and Omenn syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014],

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