

## Goat anti-SNM1 (C Term) Antibody

Item Number	dAP-0396
Target Molecule	Principle Name: SNM1 (C Term); Official Symbol: DCLRE1A; All Names and Symbols: DCLRE1A; PSO2; SNM1; KIAA0086; DNA cross-link repair 1A (PSO2 homolog, S. cerevisiae); DNA-crosslink repair gene SNM1; Artemis; SNM1A; DNA cross-link repair 1A; OTTHUMP0000020516; Accession Number (s): NP_055696.3; Human Gene ID(s): 9937; Non-Human GeneID(s):
Immunogen	EKYFREWKLEAGY, is from C Terminus
Applications	Pep ELISA, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Preliminary experiments gave no signal but low background in Human Brain and Testis lysates at up to 1µg/ml (note whole-cell RIPA lysates not nuclear lysates).
IHC	Immunohistochemistry: Paraffin embedded Human Heart. Recommended concentration: 5µg/ml.
Reference	Reference(s): Richie CT, Peterson C, Lu T, Hittelman WN, Carpenter PB, Legerski RJ. hSmn1 colocalizes and physically associates with 53BP1 before and after DNA damage. Mol Cell Biol. 2002 Dec;22(24):8635-47.. PMID: 12446782 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**