

Goat anti-SNM1 / DCLRE1A (internal) Antibody

Item Number	dAP-0724
Target Molecule	Principle Name: SNM1 / DCLRE1A (internal); Official Symbol: DCLRE1A; All Names and Symbols: DCLRE1A; DNA cross-link repair 1A (PSO2 homolog, <i>S. cerevisiae</i>); HGNC:17660; KIAA0086; PSO2; SNM1; DNA-crosslink repair gene SNM1; SNM1A; DNA cross-link repair 1A; OTTHUMP00000020516; Accession Number (s): NP_055696.3; Human Gene ID(s): 9937; Non-Human GeneID(s):
Immunogen	PSPNQKRSSQCKRK, is from internal region
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 8000.
Western Blot	Western Blot: Preliminary experiments gave an approx 26kDa band in human duodenum lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 117k
IHC	Immunohistochemistry: Paraffin embedded Human Skeletal Muscle. Recommended concentration: 5µg/ml.
Reference	Reference(s): Akhter S, Richie CT, Deng JM, Brey E, Zhang X, Patrick C Jr, Behringer RR, Legerski RJ. Deficiency in SNM1 abolishes an early mitotic checkpoint induced by spindle stress. Mol Cell Biol. 2004 Dec;24(23):10448-55. .PMID: 15542852 ->

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 ender users! This product is sold for **Research Use Only**