

Immunotag™ SNM1B Polyclonal Antibody

| Antibody Specification | |
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| Catalog No. | ITT5064 |
| Product Description | Immunotag™ SNM1B Polyclonal Antibody |
| Size | 50 µg, 100 µg |
| Conjugation | HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647 |
| IMPORTANT NOTE | This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return. |
| Target Protein | SNM1B |
| Clonality | Polyclonal |
| Storage/Stability | -20°C/1 year |
| Application | WB,ELISA |
| Recommended Dilution | Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications. |
| Concentration | 1 mg/ml |
| Reactive Species | Human |
| Host Species | Rabbit |
| Immunogen | Synthesized peptide derived from the C-terminal region of human SNM1B. |
| Specificity | SNM1B Polyclonal Antibody detects endogenous levels of SNM1B protein. |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen |
| Form | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Gene Name | DCLRE1B |
| Accession No. | Q9H816 Q8C7W7 |
| Alternate Names | DCLRE1B; SNM1B; 5' exonuclease Apollo; DNA cross-link repair 1B protein; SNM1 homolog B; SNMIB; hSNM1B |
| Description | DNA cross-link repair 1B(DCLRE1B) Homo sapiens DNA interstrand cross-links prevent strand separation, thereby physically blocking transcription, replication, and segregation of DNA. DCLRE1B is one of several evolutionarily conserved genes involved in repair of interstrand cross-links (Dronkert et al., 2000 [PubMed 10848582]).[supplied by OMIM, Mar 2008], |

Antibody Specification

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| Protein Expression | Placenta,Retinoblastoma,Teratocarcinoma, |
| Subcellular Localization | chromosome, telomeric region,nuclear chromosome, telomeric region,cytoplasm,centrosome, |
| Protein Function | function:May be required for DNA interstrand cross-link repair.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the DNA repair metallo-beta-lactamase (DRMBL) family.,subcellular location:Localizes to discrete foci., |
| Usage | For Research Use Only! Not for diagnostic or therapeutic procedures. |