

Top2a(Phospho-Ser1333) Antibody

Catalog No: #SAB528P



Package Size: #SAB528P-1 50ul #SAB528P-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

| | |
|--------------------|---|
| Product Name | Top2a(Phospho-Ser1333) Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide. |
| Applications | Custom antibody |
| Species Reactivity | Ms |
| Immunogen Type | Peptide-KLH |
| Target Name | Top2a |
| Other Names | DNA topoisomerase 2-alpha,DNA topoisomerase II, alpha isozyme |
| Accession No. | uniprot:Q01320 |
| Calculated MW | 173kDa |
| Formulation | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at -20°C for long term preservation (recommended). Store at 4°C for short term use. |

Application Details

Western blotting: 1:500~1:1000

Background

Key decatenating enzyme that alters DNA topology by binding to two double-stranded DNA molecules, generating a double-stranded break in one of the strands, passing the intact strand through the broken strand, and religating the broken strand (PubMed:1331984). May play a role in regulating the period length of ARNTL/BMAL1 transcriptional oscillation (PubMed:24321095).

Note: This product is for in vitro research use only