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Datasheet for ABIN1404537

# anti-INTS3 antibody (AA 960-998) (AbBy Fluor® 350)

Purified by Protein A.



| Overview             |   |
|----------------------|---|
| Quantity:            | 100 μL  |
| Target:              | INTS3   |
| Binding Specificity: | AA 960-998  |
| Reactivity:          | Human, Mouse, Rat   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This INTS3 antibody is conjugated to AbBy Fluor® 350                            |
| Application:         | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |
| Product Details      |   |
| Immunogen:           | KLH conjugated synthetic peptide derived from human INTS3                       |
| Isotype:             | IgG   |
| Cross-Reactivity:    | Human, Mouse, Rat   |

# **Target Details**

Purification:

| Target:           | INTS3   |
|-------------------|---|
| Alternative Name: | INTS3 (INTS3 Products)  |
| Background:       | Synonyms: INT3, SOSSA, SOSS-A, C1orf60, C1orf193, Integrator complex subunit 3, SOSS      |
|                   | complex subunit A, Sensor of single-strand DNA complex subunit A, Sensor of ssDNA subunit |

#### A, INTS3

Background: Component of the Integrator complex. The Integrator complex is involved in the small nuclear RNAs (snRNA) U1 and U2 transcription and in their 3'-box-dependent processing. The Integrator complex is associated with the C-terminal domain (CTD) of RNA polymerase II largest subunit (POLR2A) and is recruited to the U1 and U2 snRNAs genes. Component of the SOSS complex, a multiprotein complex that functions downstream of the MRN complex to promote DNA repair and G2/M checkpoint. The SOSS complex associates with single-stranded DNA at DNA lesions and influences diverse endpoints in the cellular DNA damage response including cell-cycle checkpoint activation, recombinational repair and maintenance of genomic stability. The SOSS complex is required for efficient homologous recombination-dependent repair of double-strand breaks (DSBs) and ATM-dependent signaling pathways. In the SOSS complex, it is required for the assembly of the complex and for stabilization of the complex at DNA damage sites.

Gene ID: 65123

UniProt: Q68E01

## **Application Details**

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

### Handling

| Format:            | Liquid   |
|--------------------|--|
| Concentration:     | 1 μg/μL  |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.         |
| Preservative:      | ProClin  |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C   |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months  |