

## **INTS3 Antibody (C-Term)**

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP22240b

## **Specification**

# **INTS3 Antibody (C-Term) - Product Information**

**Application** WB,E **Primary Accession** O68E01 Other Accession O7TPD0 Reactivity Human Host **Rabbit** Clonality polyclonal Isotype Rabbit IgG Calculated MW 118070

## INTS3 Antibody (C-Term) - Additional Information

#### **Gene ID** 65123

#### **Other Names**

Integrator complex subunit 3, Int3, SOSS complex subunit A, Sensor of single-strand DNA complex subunit A, SOSS-A, Sensor of ssDNA subunit A, INTS3, Clorf193, Clorf60

#### Target/Specificity

This INTS3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1000-1034 amino acids from human INTS3.

# **Dilution**

WB~~1:2000

## **Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

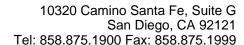
# **Precautions**

INTS3 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

# INTS3 Antibody (C-Term) - Protein Information

## Name INTS3

Synonyms Clorf193, Clorf60





**Function** Component of the Integrator (INT) 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 (Probable). Mediates recruitment of cytoplasmic dynein to the nuclear envelope, probably as component of the INT complex (PubMed:23904267).

#### **Cellular Location**

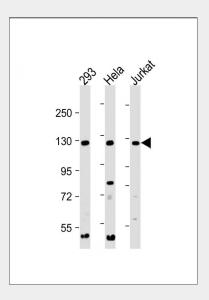
Nucleus. Cytoplasm. Note=Localizes to nuclear foci following DNA damage

# **INTS3 Antibody (C-Term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## INTS3 Antibody (C-Term) - Images



All lanes : Anti-INTS3 Antibody (C-Term) at 1:2000 dilution Lane 1: 293 whole cell lysate Lane 2: Hela whole cell lysate Lane 3: Jurkat whole cell lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 118 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

#### INTS3 Antibody (C-Term) - 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.



# INTS3 Antibody (C-Term) - References

Bechtel S.,et al.BMC Genomics 8:399-399(2007). Ota T.,et al.Nat. Genet. 36:40-45(2004). Gregory S.G.,et al.Nature 441:315-321(2006). Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases. Baillat D.,et al.Cell 123:265-276(2005).