

### **INTS4 Polyclonal Antibody**

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56977

## **Specification**

### **INTS4 Polyclonal Antibody - Product Information**

Application
Primary Accession
Reactivity
Host
Clonality
Calculated MW

IHC-P, IHC-F, IF, ICC, E <u>Q96HW7</u> Rat, Pig, Dog, Bovine Rabbit Polyclonal 108171

#### **INTS4 Polyclonal Antibody - Additional Information**

# **Gene ID** 92105

#### **Other Names**

Integrator complex subunit 4, Int4, INTS4

#### **Dilution**

<span class ="dilution\_IHC-P">IHC-P~~N/A</span><br \><span class
="dilution\_IHC-F">IHC-F~~N/A</span><br \><span class
="dilution\_IF">IF~~1:50~200</span><br \><span class ="dilution\_ICC">ICC~~N/A</span><br \><span class ="dilution\_E">E~~N/A</span>

#### **Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

#### Storage

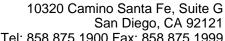
Store at -20  $^{\circ}$ C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4  $^{\circ}$ C.

# **INTS4 Polyclonal Antibody - Protein Information**

Name INTS4 {ECO:0000303|PubMed:29471365, ECO:0000303|PubMed:33243860}

#### **Function**

Component of the integrator complex, a multiprotein complex that terminates RNA polymerase II (Pol II) transcription in the promoter-proximal region of genes (PubMed:<a href="http://www.uniprot.org/citations/29471365" target="\_blank">29471365</a>, PubMed:<a href="http://www.uniprot.org/citations/33243860" target="\_blank">33243860</a>, PubMed:<a href="http://www.uniprot.org/citations/33548203" target="\_blank">33548203</a>, PubMed:<a href="http://www.uniprot.org/citations/38570683" target="\_blank">38570683</a>, PubMed:<a href="ht



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SUPT5H/SPT5, (2) degrading the exiting nascent RNA transcript via endonuclease activity and (3) promoting the release of Pol II from bound DNA (PubMed: <a

href="http://www.uniprot.org/citations/33243860" target=" blank">33243860</a>, PubMed:<a href="http://www.uniprot.org/citations/38570683" target="\_blank">38570683</a>). The integrator complex is also involved in terminating the synthesis of non-coding Pol II transcripts, such as enhancer RNAs (eRNAs), small nuclear RNAs (snRNAs), telomerase RNAs and long non-coding RNAs (IncRNAs) (PubMed: <a href="http://www.uniprot.org/citations/16239144" target=" blank">16239144</a>). Within the integrator complex, INTS4 acts as an scaffold that links INTS9 and INTS11 (PubMed:<a href="http://www.uniprot.org/citations/29471365" target=" blank">29471365</a>, PubMed:<a href="http://www.uniprot.org/citations/33548203" target=" blank">33548203</a>). Mediates recruitment of cytoplasmic dynein to the nuclear envelope, probably as component of the integrator complex (PubMed:<a href="http://www.uniprot.org/citations/23904267" target=" blank">23904267</a>).

**Cellular Location** Nucleus. Cytoplasm

### **INTS4 Polyclonal Antibody - Protocols**

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

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

**INTS4 Polyclonal Antibody - Images**