



## Rabbit Anti-INTS7/C1orf73 antibody

SL14337R

<b>Product Name:</b>	INTS7/C1orf73
<b>Chinese Name:</b>	1号染色体开放阅读框73抗体
<b>Alias:</b>	INTS7; 5930412E23Rik; DKFZP434B168; C1orf73; Chromosome 1 open reading frame 73; chunp6916; DKFZp434B168; FLJ10736; FLJ12447; Int7; INT7_HUMAN; integrator complex subunit 7; INTS7; Ints7 integrator complex subunit 7; OTTHUMP00000035211; RGD1308014.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	107kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human INTS7/C1orf73:30-130/962
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	This gene encodes a subunit of the integrator complex. The integrator complex associates with the C-terminal domain of RNA polymerase II and mediates 3'-end processing of the small nuclear RNAs U1 and U2. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by

RefSeq, Dec 2010]

**Function:**

Component of the Integrator complex, a complex 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. Plays a role in DNA damage response (DDR) signaling during the S phase.

**Subunit:**

Belongs to the multiprotein complex Integrator, at least composed of INTS1, INTS2, INTS3, INTS4, INTS5, INTS6, INTS7, INTS8, INTS9/RC74, INTS10, CPSF3L/INTS11 and INTS12. Interacts with NABP2.

**Subcellular Location:**

Nucleus. Chromosome. Localizes to sites of DNA damage in a H2AX-independent manner.

**Similarity:**

Belongs to the Integrator subunit 7 family.

**SWISS:**

Q9NVH2

**Gene ID:**

25896

**Database links:**

[Entrez Gene: 25896](#) Human

[Entrez Gene: 421374](#) Chicken

[Omim: 611350](#) Human

[SwissProt: Q5ZL91](#) Chicken

[SwissProt: Q1RMS6](#) Cow

[SwissProt: Q9NVH2](#) Human

[Unigene: 369285](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human,

	therapeutic or diagnostic applications.
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