



INTS2 Polyclonal Antibody

Catalog No	YP-Ab-01824
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC
Gene Name	INTS2
Immunogen	The antiserum was produced against synthesized peptide derived from human INTS2. AA range:201-250
Specificity	INTS2 Polyclonal Antibody detects endogenous levels of INTS2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	INTS2;Integrator complex subunit 2;KIAA1287;Int2
Observed Band	140kD
Calculated Molecular Weight	140kD
Cell Pathway	Nucleus membrane ; Single-pass membrane protein . Cytoplasm .
Tissue Specificity	Brain,Testis,
Function	caution:It is uncertain whether Met-1 or Met-9 is the initiator. Orthologous sequences (mouse and chicken) have shorter N-terminus.,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.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the Integrator subunit 2 family.,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.,



Background

INTS2 is a subunit of the Integrator complex, which associates with the C-terminal domain of RNA polymerase II large subunit (POLR2A; MIM 180660) and mediates 3-prime end processing of small nuclear RNAs U1 (RNU1; MIM 180680) and U2 (RNU2; MIM 180690) (Baillat et al., 2005 [PubMed 16239144]) .[supplied by OMIM, Mar 2008],

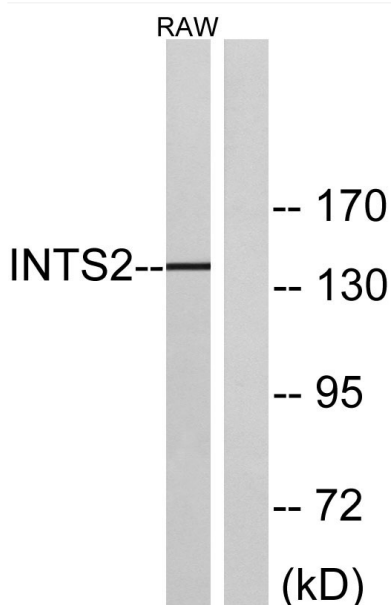
matters needing attention

Avoid repeated freezing and thawing!

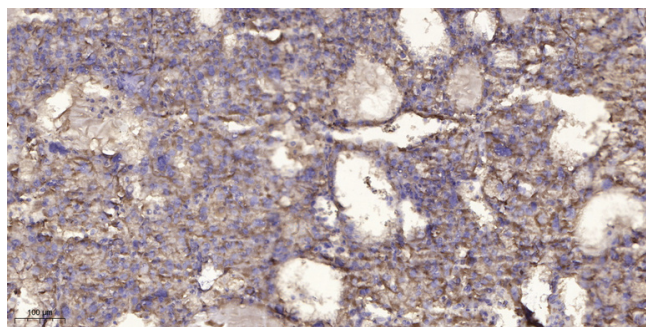
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from RAW264.7 cells, using INTS2 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).