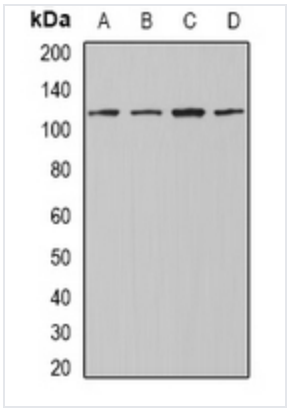
# INTS4 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | INTS4, Polyclonal Antibody |
| **Full Product Name** | Anti-INTS4 Antibody |
| **Product Gene Name** | anti-INTS4 antibody |
| **Product Synonym Names** | Integrator complex subunit 4; Int4 |
| **Clonality** | Polyclonal |
| **Host** | Rabbit |
| **Species Reactivity** | Human, Mouse, Rat |
| **Form/Format** | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| **Purity/Purification** | The antibody was purified by immunogen affinity chromatography. |
| **Specificity** | Recognizes endogenous levels of INTS4 protein. |
| **Preparation and Storage** | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |
| **Molecular Weight** | 38,117 Da |
| **OMIM** | 611348 |
| **3D Structure** | ModBase 3D Structure for Q96HW7 |
| **Immunogen** | Recombinant full length protein of human INTS4 |
| **Applications Tested/Suitable for anti-INTS4 antibody** | Western Blot (WB) |
| **Application Notes for anti-INTS4 antibody** | WB: 1/500 - 1/2000 |
| **Related Product Information for anti-INTS4 antibody** | MBS8245778 is an antibody targeting INTS4. Reactive in Human, Mouse, Rat. Host: Rabbit. Rabbit polyclonal antibody to INTS4 |
| **Other Notes** | Small volumes of anti-INTS4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |




**Western Blot (WB) of anti-INTS4 antibody**
Western blot analysis of INTS4 expression in Jurkat (A), A549 (B), mouse testis (C), mouse heart (D) whole cell lysates.

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for INTS4. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 50086624 |
| **NCBI GeneID** | 92105 |
| **NCBI Accession #** | NP_291025.3 |
| **UniProt Primary Accession #** | Q96HW7 |
| **UniProt Secondary Accession #** | Q2YD62; Q6PJG4; Q7Z4E7; Q96G32; Q96GA1; Q9BRC0 |
| **UniProt Related Accession #** | Q96HW7 |
| **GenBank Nucleotide #** | NM_033547.3 |
| **NCBI Official Full Name** | integrator complex subunit 4 |
| **NCBI Official Synonym Full Names** | integrator complex subunit 4 |
| **NCBI Official Symbol** | INTS4 |
| **NCBI Official Synonym Symbols** | INT4; MST093 |
| **UniProt Protein Name** | Integrator complex subunit 4 |
| **Protein Family** | Integrator complex |
| **UniProt Gene Name** | INTS4 |
| **UniProt Synonym Gene Names** | Int4 |
| **UniProt Entry Name** | INT4_HUMAN |
| **NCBI Protein Information** | integrator complex subunit 4 |
| **NCBI Summary for INTS4** | INTS4 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] |
| **UniProt Comments for INTS4** | 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. |
| **Research Articles on INTS4** | **1.** findings demonstrate that the integrator complex is essential for snRNA maturation and Cajal body homeostasis |

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