Datasheet for ABIN1532172

# anti-RRN3 antibody (pSer649)

2 Images

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## Overview

| | |
|---|---|
| Quantity: | 100 µg |
| Target: | RRN3 |
| Binding Specificity: | AA 602-651, pSer649 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This RRN3 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC) |

## Product Details

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|---|---|
| Immunogen: | The antiserum was produced against synthesized peptide derived from human TIF-IA around the phosphorylation site of Ser649. |
| Isotype: | IgG |
| Specificity: | TIF-IA (Phospho-Ser649) Antibody detects endogenous levels of TIF-IA only when phosphorylated at Ser649.<br>PhosphorylationH:S649 |
| Purification: | The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide. |
| Purity: | > 95 % |

## Target Details

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|---|---|
| Target: | RRN3 |
| Alternative Name: | TIF-IA (RRN3 Products) |
| Background: | Synonyms: RNA polymerase I-specific transcription initiation factor RRN3, RRN3, transcription initiation factor IA<br>NCBI Gene Symbol: RRN3 |
| Molecular Weight: | 74 kDa |
| Gene ID: | 54700 |
| OMIM: | 605121 |
| UniProt: | Q9NYV6 |
| Pathways: | Negative Regulation of intrinsic apoptotic Signaling |

## Application Details

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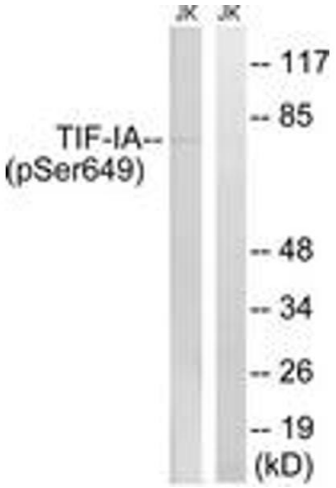
|---|---|
| Application Notes: | WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:1000 |
| Comment: | Unigene-Number: Hs.460078 (NCBI Gene Symbol: RRN3) |
| Restrictions: | For Research Use only |

## Handling

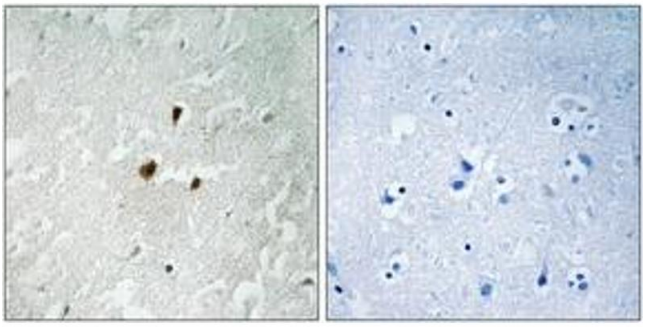
| | |
|---|---|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Stable at -20°C for at least 1 year. |
| Expiry Date: | 12 months |




## Western Blotting

**Image 1.** Western blot analysis of extracts from Jurkat cells treated with starved 24h, using TIF-IA (Phospho-Ser649) Antibody. The lane on the right is treated with the synthesized peptide.



## Immunohistochemistry

**Image 2.** Immunohistochemistry analysis of paraffin-embedded human brain, using TIF-IA (Phospho-Ser649) Antibody. The picture on the right is treated with the synthesized peptide.