

Datasheet for ABIN6142065  
**anti-HTATSF1 antibody (AA 1-270)**



[Go to Product page](#)

4 Images

## Overview

|                      |                                                                            |
|----------------------|----------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                     |
| Target:              | HTATSF1                                                                    |
| Binding Specificity: | AA 1-270                                                                   |
| Reactivity:          | Human                                                                      |
| Host:                | Rabbit                                                                     |
| Clonality:           | Polyclonal                                                                 |
| Conjugate:           | This HTATSF1 antibody is un-conjugated                                     |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF) |

## Product Details

|                   |                                                                                                                                                                                                                                                                                                                    |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:        | Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human HTATSF1 (NP_055315.2).                                                                                                                                                                                                |
| Sequence:         | MSGTNLDGND EFDEQLRMQE LYGDGKDGDT QTDAGGEPDS LGQQPTDTPY EWDLDKKAWF<br>PKITEDFIAT YQANYGFSND GASSSTANVE DVHARTAEPP QEKAPEPTD ARKKGEKRKA<br>ESGWFHVEED RNTNVYVSG LPPDITVDEFI QLMSKFGIIM RDPQTEEFKV KLYKDNQGNL<br>KGDGLCCYLK RESVELALKL LDEDEIRGYK LHVEVAKFQL KGEYDASKKK KKCKDYKKKL<br>SMQQKQLDWR PERRAGPSRM RHERVVIKN |
| Isotype:          | IgG                                                                                                                                                                                                                                                                                                                |
| Cross-Reactivity: | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                  |
| Characteristics:  | Polyclonal Antibodies                                                                                                                                                                                                                                                                                              |
| Purification:     | Affinity purification                                                                                                                                                                                                                                                                                              |

## Target Details

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|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | HTATSF1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Alternative Name: | HTATSF1 ( <a href="#">HTATSF1 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Background:       | The protein encoded by this gene functions as a cofactor for the stimulation of transcriptional elongation by HIV-1 Tat, which binds to the HIV-1 promoter through Tat-TAR interaction. This protein may also serve as a dual-function factor to couple transcription and splicing and to facilitate their reciprocal activation. Alternatively spliced transcript variants have been found for this gene.,HTATSF1,TAT-SF1,TATSF1,dJ196E23.2,Epigenetics & Nuclear Signaling,RNA Binding,Immunology & Inflammation,HTATSF1 |
| Molecular Weight: | 85 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene ID:          | 27336                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| UniProt:          | <a href="#">O43719</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

## Application Details

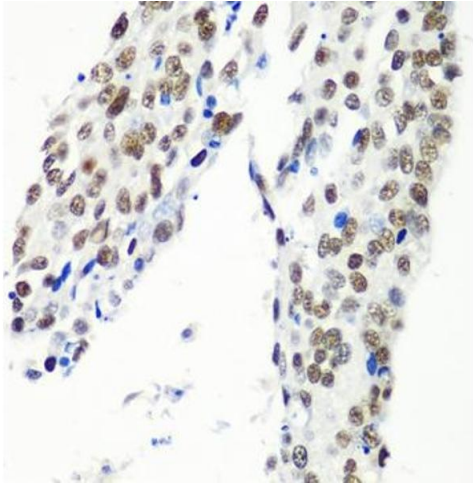
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|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Application Notes: | WB,1:1000 - 1:2000,IHC,1:50 - 1:100,IF,1:50 - 1:200 |
| Restrictions:      | For Research Use only                               |

## Handling

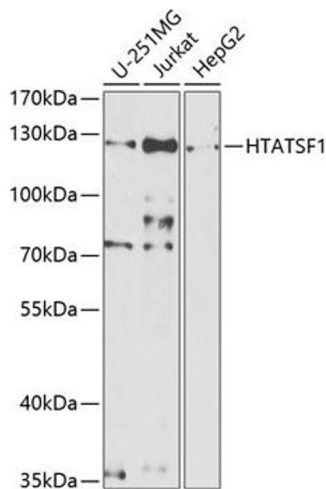
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|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Buffer:            | PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.                                                                    |
| 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:   | Store at -20°C. Avoid freeze / thaw cycles.                                                                            |



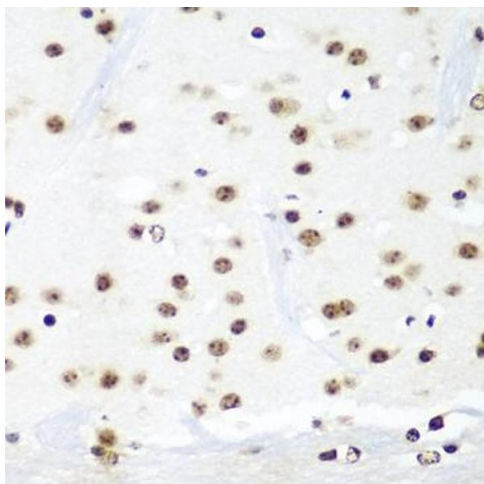
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human lung cancer using HT antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using HT antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded mouse brain using HT antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6142065.