

## Product datasheet for **TA369750S**

### WHSC2 (NELFA) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: NIH/3T3 RAW264.7 and Hela cell lysates IHC: 25-100 Positive control: Human thyroid cancer Predicted cell location: Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human NELFA
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	57 kDa
Gene Name:	negative elongation factor complex member A
Database Link:	<a href="#">Entrez Gene 7469 Human</a> <a href="#">Q9H3P2</a>



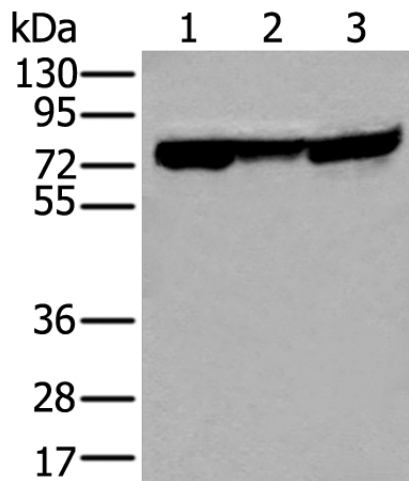
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**Background:**

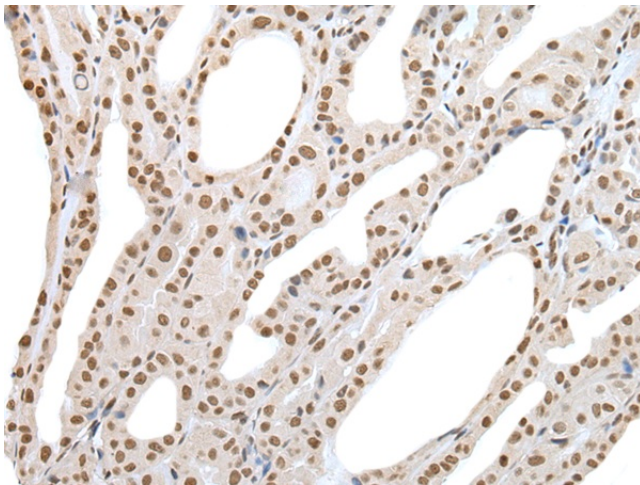
This gene is expressed ubiquitously with higher levels in fetal than in adult tissues. It encodes a protein sharing 93% sequence identity with the mouse protein. Wolf-Hirschhorn syndrome (WHS) is a malformation syndrome associated with a hemizygous deletion of the distal short arm of chromosome 4. This gene is mapped to the 165 kb WHS critical region, and may play a role in the phenotype of the WHS or Pitt-Rogers-Danks syndrome. The encoded protein is found to be capable of reacting with HLA-A2-restricted and tumor-specific cytotoxic T lymphocytes, suggesting a target for use in specific immunotherapy for a large number of cancer patients. This protein has also been shown to be a member of the NELF (negative elongation factor) protein complex that participates in the regulation of RNA polymerase II transcription elongation.

**Synonyms:**

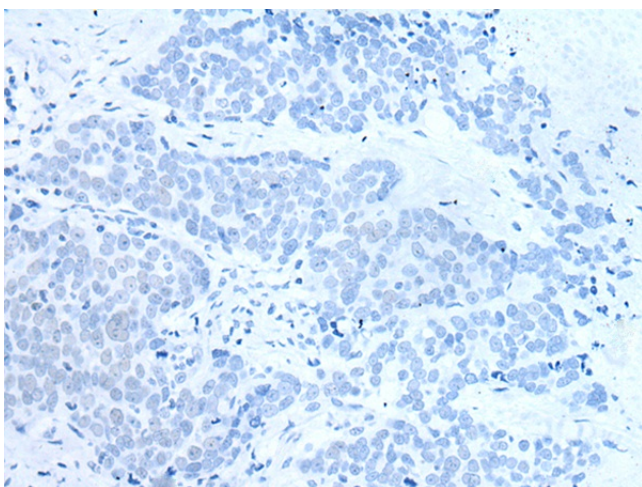
NELF-A; P/OKcl.15; WHSC2

**Product images:**

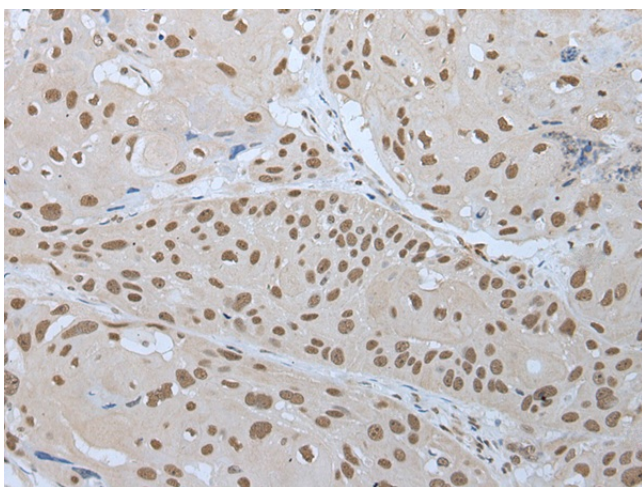
Gel: 8%SDS-PAGE  
Lysate: 40 µg  
Lane 1-3: NIH/3T3  
RAW264.7 and Hela cell lysates  
Primary antibody: [TA369750] (NELFA Antibody)  
at dilution 1/200  
Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution  
Exposure time: 10 seconds



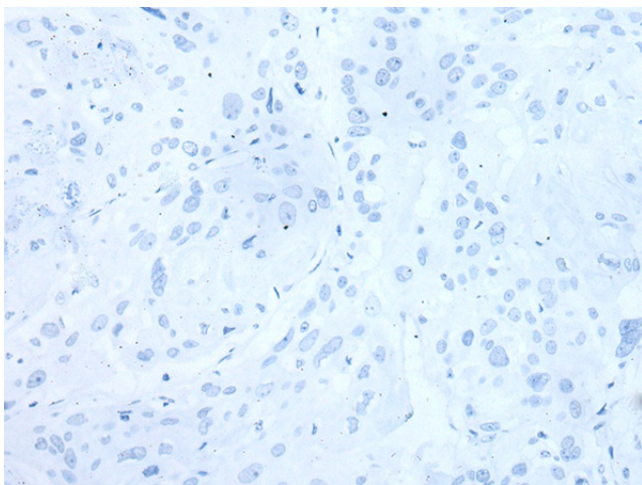
Immunohistochemistry of paraffin-embedded  
Human thyroid cancer tissue using [TA369750]  
(NELFA Antibody) at dilution 1/30 (Original  
magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA369750] (NELFA Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA369750] (NELFA Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA369750] (NELFA Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: ×200)