

## Product datasheet for **TA369856**

### **C14orf130 (UBR7) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: NIH/3T3 and 293T cell lysates IHC: 30-150 Positive control: Human liver cancer Predicted cell location: Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human UBR7
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	48 kDa
Gene Name:	ubiquitin protein ligase E3 component n-recognin 7 (putative)
Database Link:	<a href="#">Entrez Gene 55148 Human Q8N806</a>



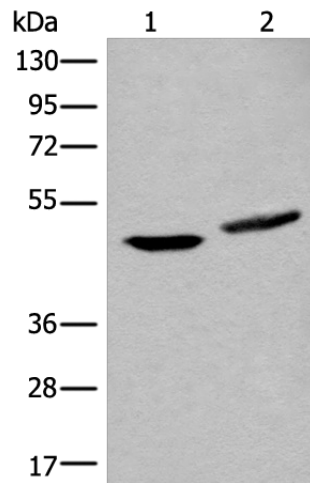
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**Background:**

Ubiquitination is an important mechanism through which three classes of enzymes act in concert to target short-lived or abnormal proteins for destruction. The three classes of enzymes involved in ubiquitination are the ubiquitin-activating enzymes (E1s), the ubiquitin-conjugating enzymes (E2s) and the ubiquitin-protein ligases (E3s). Ubr7 (ubiquitin protein ligase E3 component n-recognin 7), also known as C14orf130 or N-recognin-7, is a 425 amino acid protein that contains one UBR-type zinc finger and one PHD zinc finger. Participating in protein modification events within the N-end rule pathway, Ubr7 functions as an E3 ubiquitin-protein ligase that recognizes and binds proteins that contain destabilizing N-terminal residues, thereby leading to their ubiquitination and subsequent degradation.

**Synonyms:**

C14orf130; FLJ10483; MGC9518; N-recognin-7

**Product images:**

Gel: 8%SDS-PAGE

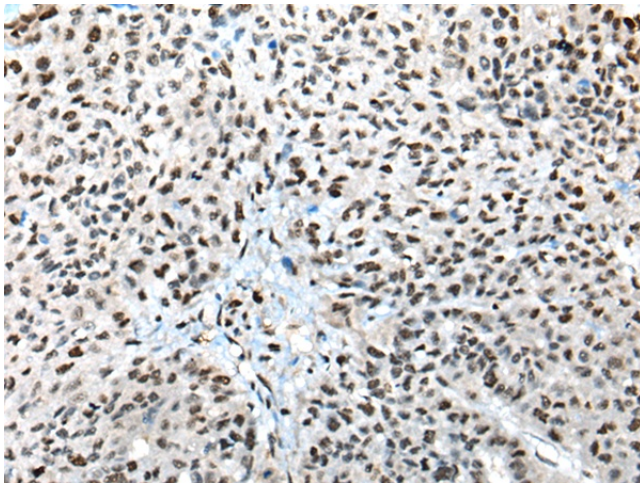
Lysate: 40 µg

Lane 1-2: NIH/3T3 and 293T cell lysates

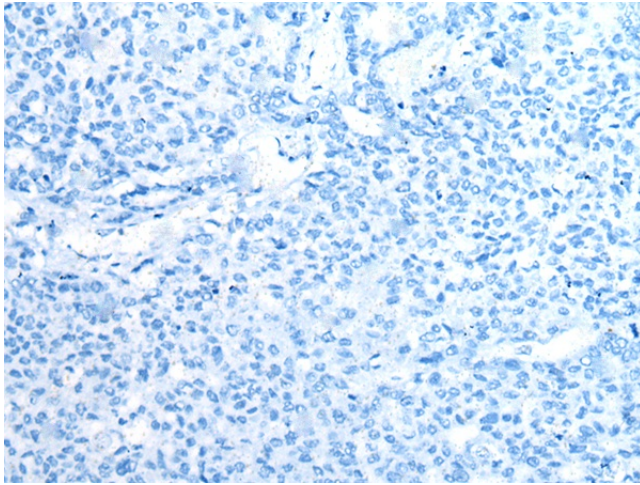
Primary antibody: TA369856 (UBR7 Antibody) at dilution 1/300

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

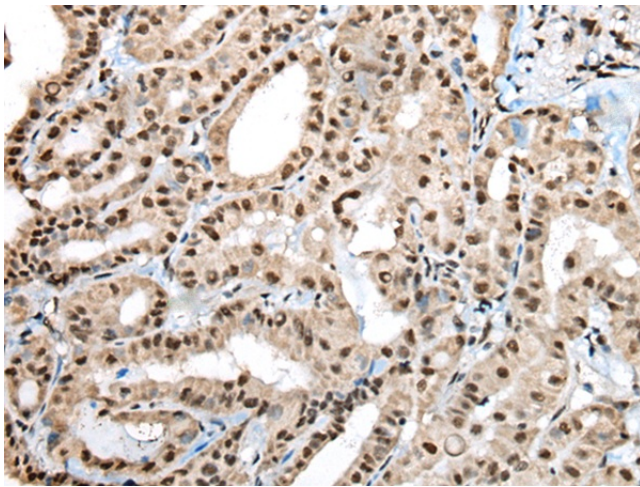
Exposure time: 5 seconds



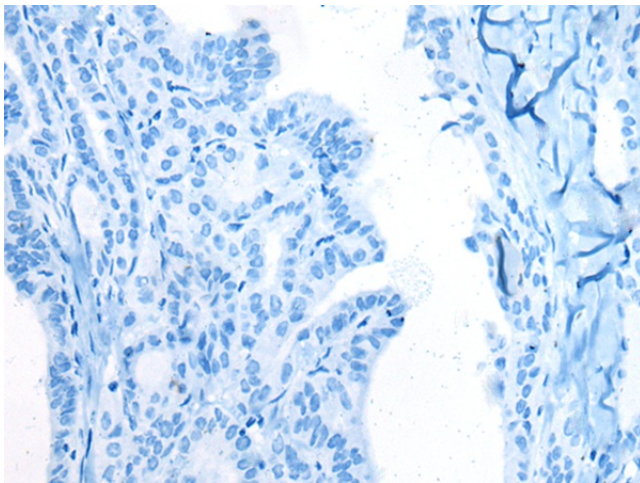
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA369856 (UBR7 Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA369856 (UBR7 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA369856 (UBR7 Antibody) at dilution 1/30 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA369856 (UBR7 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification:  $\times 200$ )