

UBR7 Antibody

Catalog No: #46692



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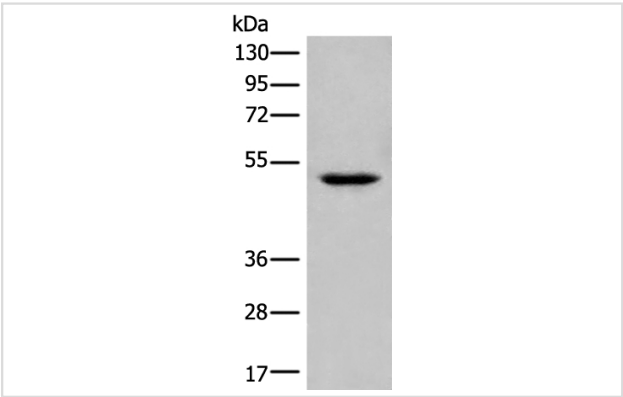
Description

Product Name	UBR7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total UBR7 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic protein corresponding to residues near the C terminal of human UBR7
Target Name	UBR7
Other Names	C14orf130
Accession No.	Swiss-Prot:Q8N806NCBI Gene ID:55148NCBI Protein:BC015046
Uniprot	Q8N806
GeneID	55148;
Calculated MW	48 kDa
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

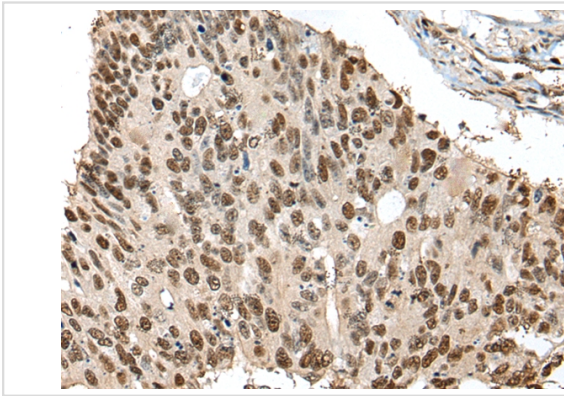
Application Details

Western blotting: 1:200-1:1000
Immunohistochemistry: 1: 30-150

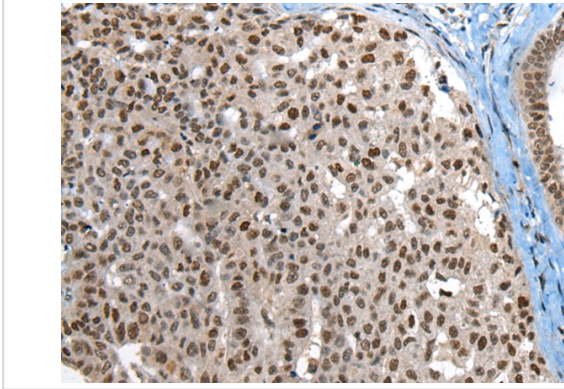
Images



Gel: 8%SDS-PAGE  
lysate: 40 B $\mu$ g, Lane: Hela cell lysate,  
Primary antibody: 46692B $\times$ B $\times$ UBR7 Antibody) at dilution 1/300  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,  
Exposure time: 1 minute



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 46692(UBR7 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46692(UBR7 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x200)

## 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.

Note: This product is for in vitro research use only