

## UBXN2B Antibody

Catalog No: #42918

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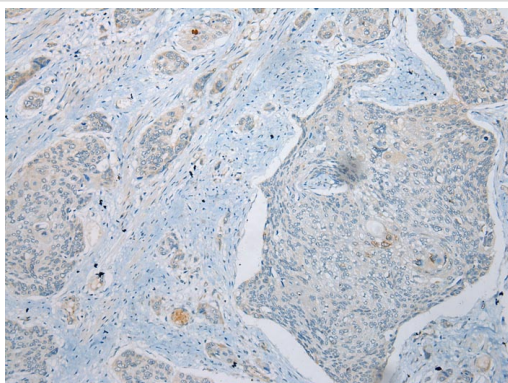
## Description

Product Name	UBXN2B Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total UBXN2B protein.
Immunogen Description	Fusion protein of human UBXN2B
Target Name	UBXN2B
Other Names	p37
Accession No.	Swiss-Prot#: Q14CS0Gene ID: 137886
Uniprot	Q14CS0
GeneID	137886;
Concentration	2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

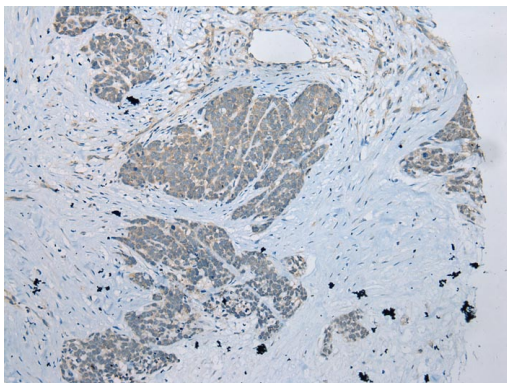
## Application Details

Immunohistochemistry: 1:100-1:200

## Images



Immunohistochemical analysis of paraffin-embedded Human Esophagus cancer tissue using #42918 at dilution 1/200,



Immunohistochemical analysis of paraffin-embedded Human Thyroid cancer tissue using #42918 at dilution 1/200,

## Background

UBXD2B (UBX domain-containing protein 2B), also known as NSFL1 cofactor p37 and p97 cofactor p37, is a 331 amino acid protein that contains one UBX domain and one SEP domain. UBXN2B is required for ER and Golgi biogenesis and also plays a role in their maintenance during interphase, as well as their reassembly at the end of mitosis. Through interaction with VCP, UBXN2B forms a complex that has membrane fusion activity. Adapter protein required for Golgi and endoplasmic reticulum biogenesis. Involved in Golgi and endoplasmic reticulum maintenance during interphase and in their reassembly at the end of mitosis. The complex formed with VCP has membrane fusion activity; membrane fusion activity requires USO1-GOLGA2 tethering and BET1L. VCIPI1 is also required, but not its deubiquitinating activity.

Note: This product is for in vitro research use only