

UTS2B Antibody

Catalog No: #40287



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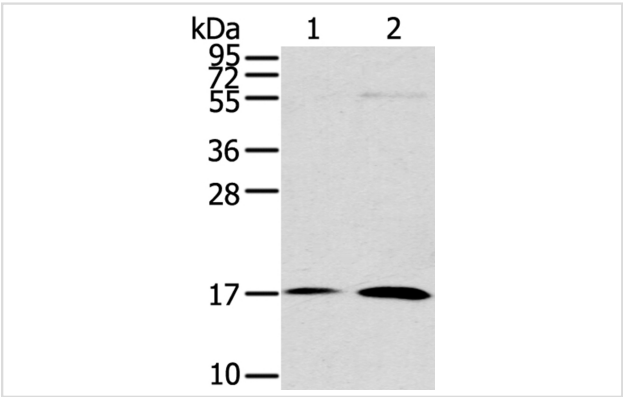
Description

Product Name	UTS2B Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total UTS2B protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide of human urotensin 2B
Target Name	UTS2B
Other Names	U2B; URP; UTS2D
Accession No.	Swiss-Prot:Q765I0 Gene Accssion:NP_937795
Uniprot	Q765I0
GeneID	257313;
SDS-PAGE MW	14KD
Concentration	1.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

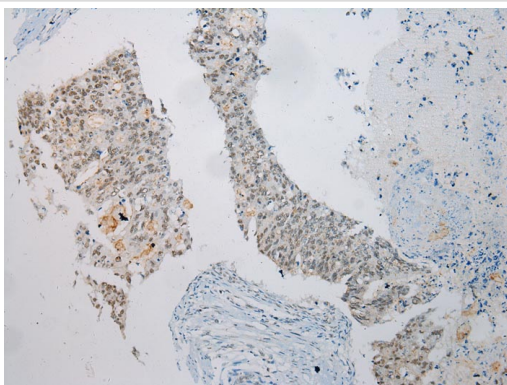
Application Details

Western blotting: 1:200-1:1000
Immunohistochemistry: 1:100-1:200

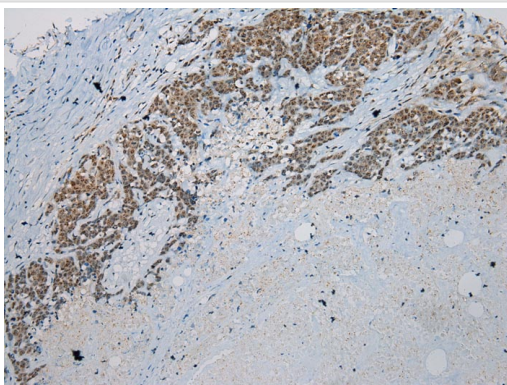
Images



Gel: 12%SDS-PAGE  
Lysates (from left to right): Lovo cell and human liver cancer tissue  
Amount of lysate: 40ug per lane  
Primary antibody: 1/200 dilution  
Secondary antibody dilution: 1/8000  
Exposure time: 2 minutes



Immunohistochemical analysis of paraffin-embedded Human Colorectal cancer tissue using #40287 at dilution 1/200.



Immunohistochemical analysis of paraffin-embedded Human Thyroid cancer tissue using #40287 at dilution 1/200.

## Background

Potent vasoconstrictor. Human Urotensin II is composed of only 11 amino acid residues, while fish and frog Urotensin II possess 12 and 13 amino acid residues, respectively (2). Human Urotensin II is found within both vascular and cardiac tissue, including coronary atheroma, and effectively constricts isolated arteries from nonhuman primates (3). Urotensin II may act as an autocrine and/or paracrine hormone rather than as a circulating hormone, by playing an important role in the development of ventricular hypertrophy induced by chronic hypoxia (4).

Note: This product is for in vitro research use only