

Anti-UTS2B antibody

Cat. No.	ml262471
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-UTS2B rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human UTS2B
Reactivity	Human
Content	0.2 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	UTS2B
Full name	urotensin 2B

Synonyms U2B; URP; UTS2D

Swissprot Q765I0

Target 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).

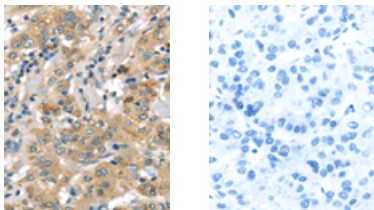
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml262471(UTS2B Antibody) at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 14 kDa

Positive control: A431 cells and Human liver cancer tissue, Lovo and PC3 cells, Human placenta tissue and 293T cells

Recommended dilution: 500-2000

订购热线: 4008-898-798

Gel: 12%SDS-PAGE

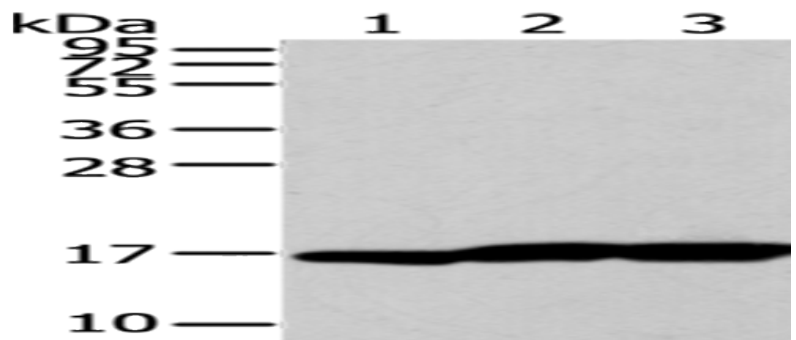
Lysate: 40 µg

Lane 1-6: A431 cells, Human liver cancer tissue,
Lovo cells, PC3 cells, Human placenta tissue,
293T cells

Primary antibody: ml262471(UTS2B Antibody) at
dilution 1/200

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

Exposure time: 30 seconds



ELISA

Recommended dilution: 2000-5000

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