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Datasheet for ABIN7244402
anti-Urotensin 2B antibody

2 Images

Overview

Quantity:	200 µL
Target:	Urotensin 2B (UTS2B)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Urotensin 2B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of human UTS2B
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	Urotensin 2B (UTS2B)
Alternative Name:	UTS2B (UTS2B Products)
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

Target Details

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).

Molecular Weight: 14 kDa

NCBI Accession: [NP_937795](#)

UniProt: [Q76510](#)

Application Details

Application Notes: WB 1:500-2000, IHC 1:25-100, ELISA 1:2000-5000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.2 mg/mL

Buffer: PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

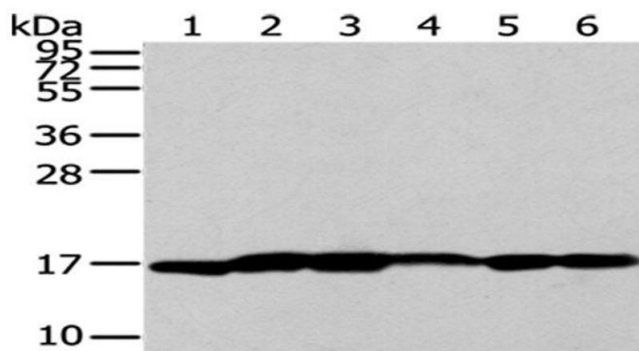
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

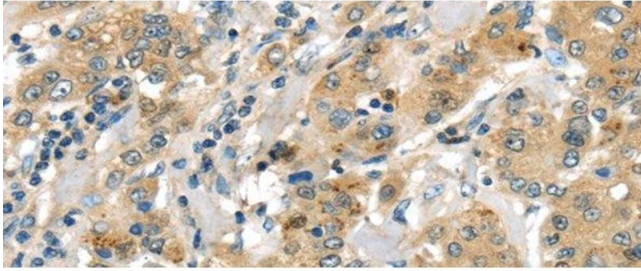
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western Blot analysis of A431 cells and Human liver cancer tissue, Lovo and PC3 cells, Human placenta tissue and 293T cells using UTS2B Polyclonal Antibody at dilution of 1/200



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Human liver cancer using UTS2B Polyclonal Antibody at dilution of 1/35