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Datasheet for ABIN7252981

anti-TTC12 antibody

2 Images

Overview

Quantity:	200 µL
Target:	TTC12
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TTC12 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of human TTC12
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	TTC12
Alternative Name:	TTC12 (TTC12 Products)
Background:	TTC12 (tetratricopeptide repeat domain 12), also known as TPARM, is a 705 amino acid cytoplasmic protein containing a TPR repeat domain and three armadillo repeat motifs. TTC12 is expressed in testis, prostate, lung, germinal center B cells, neuroblastoma, teratocarcinoma, colon cancer and gastric cancer. The gene encoding TTC12 is located in a region of human

Target Details

chromosome 11 that is commonly deleted in a variety of cancers, therefore, it is considered a candidate tumor suppressor gene. Human chromosome 11 houses over 1,400 genes and comprises nearly 4 % of the human genome.

Molecular Weight: Observed_MW: Refer to figures
Calculated_MW: 79 kDa

UniProt: [Q9H892](#)

Application Details

Application Notes: WB 1:500-1:2000, IHC 1:30-1:150, ELISA 1:5000-1:10000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.72 mg/mL

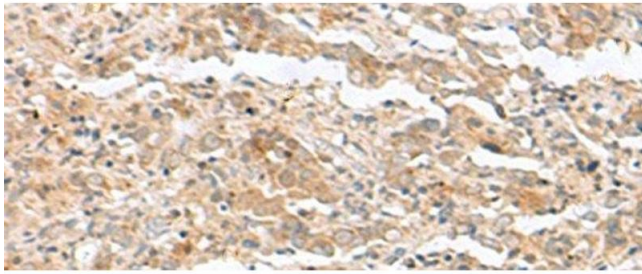
Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

Preservative: Sodium azide

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

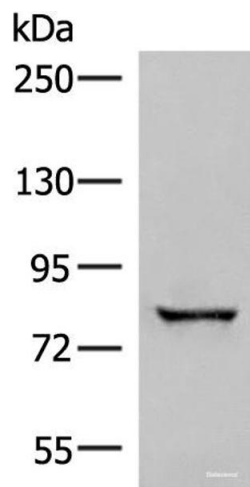
Storage: -20 °C

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



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TTC12 Polyclonal Antibody at dilution of 1:40(x200)



Western Blotting

Image 2. Western blot analysis of Human bladder transitional cell carcinoma grade 2-3 tissue lysate using TTC12 Polyclonal Antibody at dilution of 1:300