

Anti-FIS1 Antibody (9Z765)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	9Z765
Purification:	Affinity-chromatography

Applications

1. Western Blot

-Positive WB detected in: HepG2 whole cell lysate, PC3 whole cell lysate, MCF-7 whole cell lysate, Hela whole cell lysate, U251 whole cell lysate, A549 whole cell lysate

-All lanes: FIS1 antibody at 1:1000

-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution

-Predicted band size: 17 kDa

-Observed band size: 17-22 kDa

2. IHC image of TMAH-00438 diluted at 1:100 and staining in paraffin-embedded human heart tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.

3. IHC image of TMAH-00438 diluted at 1:100 and staining in paraffin-embedded human ovarian cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.

Verified Activity:

Application: ELISA,IHC,WB

Recommended WB:1:500-1:2000; IHC:1:50-1:200.

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human FIS1
Antigen Species:	Human
Gene ID:	51024
Uniprot ID:	Q9Y3D6
Synonyms:	FIS1 Homolog; CGI-135; FIS1; Mitochondrial Fission 1 Protein; Tetratricopeptide Repeat Protein 11; TTC11; hFis1; TPR Repeat Protein 11
Biology Area:	Cancer, Cell biology, Metabolism

Research Background

Involved in the fragmentation of the mitochondrial network and its perinuclear clustering. Plays a minor role in the recruitment and association of the fission mediator dynamin-related protein 1 (DNM1L) to the mitochondrial surface and mitochondrial fission. Can induce cytochrome c release from the mitochondrion to the cytosol, ultimately leading to apoptosis. Also mediates peroxisomal fission.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481