

Anti-TCTP/TPT1 Antibody (1G213)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human, Mouse
Conjugation:	Unconjugated
Clone:	1G213
Purification:	Affinity-chromatography

Applications

1. Western Blot

-Positive WB detected in: Hela whole cell lysate, Jurkat whole cell lysate, MCF-7 whole cell lysate, RAW264.7 whole cell lysate, HepG2 whole cell lysate, PC-3 whole cell lysate, Raji whole cell lysate, 293 whole cell lysate, Mouse liver tissue

-All lanes: TPT1 antibody at 1:2000

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

-Predicted band size: 20, 16 kDa

-Observed band size: 25 kDa

2. IHC image of TMAH-01211 diluted at 1:100 and staining in paraffin-embedded human prostate tissue performed on a Leica BondTM 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 IgG polymer labeled by HRP and visualized using 0.05% DAB.

3. Immunofluorescence staining of SY5Y Cells with TMAH-01211 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeated by 0.2% TritonX-100, and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).

4. Immunoprecipitating TCTP in Hela whole cell lysate

-Lane 1: Rabbit control IgG instead of TMAH-01211 in Hela whole cell lysate.

For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000)

-Lane 2: TMAH-01211(2µg)+ Hela whole cell lysate(500µg)

-Lane 3: Hela whole cell lysate (10µg)

Verified Activity:

Application: ELISA,IF,IHC,IP,WB

Recommended WB:1:500-1:5000; IHC:1:50-1:200; IF:1:20-1:200; IP:1:200-1:1000.

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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 TCTP

Antigen Species: Human

Gene ID: 7178

Uniprot ID: P13693

Biology Area: Immunology

Research Background

Involved in calcium binding and microtubule stabilization.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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