

## Anti-GSN Antibody (4G383)

### Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human, Mouse
Conjugation:	Unconjugated
Clone:	4G383
Purification:	Affinity-chromatography

### Applications

Verified Activity:	<ol style="list-style-type: none"><li>Western Blot<ul style="list-style-type: none"><li>-Positive WB detected in: U251 whole cell lysate, MCF7 whole cell lysate</li><li>-All lanes: GSN antibody at 1:1000</li><li>-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution</li><li>-Predicted band size: 85 kDa</li><li>-Observed band size: 85 kDa</li></ul></li><li>Immunofluorescence staining of hela cell with TMAH-00518 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).</li><li>Immunofluorescence staining of NIH/3T3 cell with TMAH-00518 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).</li></ol>
Application:	ELISA, WB, IF
Recommended	WB:1:1000-1:5000; IF:1:20-1:200.

### 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:	Recombinant Protein: Human GSN Protein
Antigen Species:	Human
Gene ID:	2934
Uniprot ID:	P06396
Biology Area:	Signal transduction

### Research Background

Calcium-regulated, actin-modulating protein that binds to the plus (or barbed) ends of actin monomers or filaments, preventing monomer exchange (end-blocking or capping). It can promote the assembly of monomers into filaments (nucleation) as well as sever filaments already formed. Plays a role in ciliogenesis.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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

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