

Anti-CAPN2 Antibody (9T721)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	9T721
Purification:	Affinity-chromatography

Applications

	Western Blot
	-Positive WB detected in: U87 whole cell lysate, U251 whole cell lysate, PC3 whole cell lysate, A549 whole cell lysate, Hela whole cell lysate, HepG2 whole cell lysate, MCF-7 whole cell lysate
Verified Activity:	-All lanes: CAPN2 antibody at 1:500 -Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution -Predicted band size: 80, 72 kDa -Observed band size: 72-95 kDa
Application:	ELISA, WB
Recommended	WB:1:500-1:2000.

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 CAPN2
Antigen Species:	Human
Gene ID:	824
Uniprot ID:	P17655
Biology Area:	Cancer, Cell biology, Metabolism, Signal transduction

Research Background

Calcium-regulated non-lysosomal thiol-protease which catalyzes limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction. Proteolytically cleaves MYOC at 'Arg-226'. Proteolytically cleaves CPEB3 following neuronal stimulation which abolishes CPEB3 translational repressor activity, leading to translation of CPEB3 target mRNAs.

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