

Anti-Profilin 2 Antibody (40556)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	40556
Purification:	Protein A

Applications

	Anti-PFN2 rabbit monoclonal antibody at 1:500 dilution. -Lane A: NCI-H1299 Whole Cell lysate. -Lysates/proteins at 30 µg per lane. -Secondary
Verified Activity:	-Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. -Developed using the Odyssey technique. -Performed under reducing conditions. -Predicted band size:15 kDa. -Observed band size:15 kDa
Application:	ELISA,WB
Recommended	WB: 1:500-1:1000; ELISA: 1:25000-1:50000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human Profilin 2 / PFN2 Protein (TMPY-03657)
Antigen Species:	Human
Synonyms:	PFL;D3S1319E;profilin 2

Research Background

Profilin 2, also known as PFN2, is a ubiquitous actin monomer-binding protein belonging to the profilin family. It is highly expressed in brain, skeletal muscle and kidney and less strongly in heart, placenta, lung and liver. Profilin 2 binds to actin and affects the structure of the cytoskeleton. At high concentrations, profilin prevents the polymerization of actin, whereas it enhances it at low concentrations. Profilin 2 is thought to regulate actin polymerization in response to extracellular signals. It inhibits the formation of IP3 and DG by binding to PIP2.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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