

Anti-CASP2 Antibody (3Y15)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	3Y15
Purification:	Affinity-chromatography

Applications

	Western Blot
	-Positive WB detected in: Hela whole cell lysate, Jurkat whole cell lysate, HL60 whole cell lysate, 293T whole cell lysate, K562 whole cell lysate
Verified Activity:	-All lanes: CASP2 antibody at 1:2000 -Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution -Predicted band size: 51, 35, 11 kDa -Observed band size: 51 kDa
Application:	ELISA,WB
Recommended	WB:1:500-1:5000.

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 Caspase-2
Antigen Species:	Human
Gene ID:	835
Uniprot ID:	P42575
Synonyms:	CASP-2;Caspase2;ICH1 NEDD2;Neural precursor cell expressed developmentally down-regulated protein 2;Caspase-2;NEDD-2;Protease ICH-1;EC 3.4.22.55
Biology Area:	Cancer, Cell biology, Metabolism

Research Background

Involved in the activation cascade of caspases responsible for apoptosis execution. Might function by either activating some proteins required for cell death or inactivating proteins necessary for cell survival. Associates with PIDD1 and CRADD to form the PIDDosome, a complex that activates CASP2 and triggers apoptosis in response to genotoxic stress.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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