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Phospho-CBL-Y700 Rabbit pAb

货号: AYP20374

产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:500 - 1:2000
理论分子量	99kDa
实测分子量	120kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Jurkat
细胞定位	Cell membrane,Cytoplasm
纯化	Affinity purification

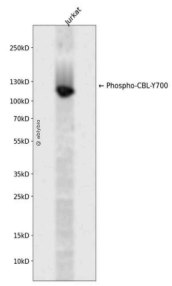
抗原信息

抗原信息	A synthetic phosphorylated peptide around Y700 of human CBL (NP_005179.2).

靶点信息

研究背景	This gene is a proto-oncogene that encodes a RING finger E3 ubiquitin ligase. The encoded protein is one of the enzymes required for targeting substrates for degradation by the proteasome. This protein mediates the transfer of ubiquitin from ubiquitin conjugating enzymes (E2) to specific substrates. This protein also contains an N-terminal phosphotyrosine binding domain that allows it to interact with numerous tyrosine-phosphorylated substrates and target them for proteasome degradation. As such it functions as a negative regulator of many signal transduction pathways. This gene has been found to be mutated or translocated in many cancers including acute myeloid leukaemia, and expansion of CGG repeats in the 5' UTR has been associated with Jacobsen syndrome. Mutations in this gene are also the cause of Noonan syndrome-like disorder.
基因ID	867
基因名	CBL
Swiss	P22681 (https://www.uniprot.org/uniprotkb/P22681/entry)
别名	C-CBL,CBL2,FRA11B,NSLL,RNF55,CBL,Phospho-CBL-Y700 Rabbit pAb,Casitas B-lineage lymphoma proto-oncogene,Proto-oncogene c-Cbl,RING finger protein 55,RING-type E3 ubiquitin transferase CBL,Signal transduction protein CBL

产品验证



Western blot analysis of Phospho-CBL-Y700 expressed in Jurkat using Phospho-CBL-Y700 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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