

Recombinant Human CBL protein ab114527

画像数 1

製品の詳細

製品名	Recombinant Human CBL protein
発現系	Wheat germ
アクセッション番号	<u>P22681</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	

MAGNVKKSSGAGGGSGSGSGGGLIGLMKDAFQPHHHHHH
LSPHPPGT
VDKMMVEKCWKLMDKVVRLCQNPKLALKNSPPYILDLLPDTY
QHLRTILS
RYEGKMETLGENEYFRVFMENLMKKTQTISLFKEGKERMYE
ENSQPRRN
LTKLSLIFSHMLAELKGIFPSGLFQGDTRITKADAAEFWRK
AFGEKTIV
PWKSFRQALHEVHPISSGLEAMALKSTIDLTCDYISVFEFD
IFTRLFQP
WSSLLRNWNSLAVTHPGYMAFLTYDEVKARLQKFIHKPGSYI
FRLSCTRL
GQWAIGYVTADGNILQTIPHNKPLFQALIDGFREGFYLPDGG
RNQNPDLT
GLCEPTQDHIKVTQEYELYCEMGSTFQLCKICAENDKDKV
IEPCGHLM
CTSCLTSWQESEGQGPCFCRCEIKGTEPIVVDPFDPRGSGSL
LRQGAEGA
PSPNYDDDDDERADDTLFMMKELAGAKVERPPSPFMAPQAS
LPPVPPRL
DLLPQRVCVPSSASALGTASKAASGSLHKDKPLPVPPTLRDL
PPPPPPDR
PYSVGAESRPQRRPLPCTPGDCPSRDKLPPVPSSRLGDSWLP
RPIPKVPV
SAPSSSDPWTGRELTNRHSLPFSLPSQMEPRPDVPRLGSTFS
LDTSMNMN
SSPLVGPECDHPKIKPSSSANAIYSLAARPLPVPKLPPGEQC
EGEEDTEY

MTPSSRPLRPLDTSQSSRACDCDQIDSCITYEAMYNISQAP
 SITESSTF
 GEGNLAHAHANTGPEESENEDDGYDVPKPPVPAVLARRTLSD
 ISNASSSF
 GWLSLDGDPPTTNVTEGSQVPERPPKPFRRINSERKAGSCQQ
 GSGPAASA
 ATASPLSLSEIENLMSQGYSDIQKALVIAQNNIEMAKNIL
 REFVSISS PAHVAT

予測される分子量 126 kDa including tags

領域 1 to 906

特性

Our **Abpromise guarantee** covers the use of **ab114527** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション SDS-PAGE

ELISA

Western blot

製品の状態 Liquid

前処理および保存

保存方法および安定性 Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.3% Glutathione, 0.79% Tris HCl

関連情報

機能 Participates in signal transduction in hematopoietic cells. Adapter protein that functions as a negative regulator of many signaling pathways that start from receptors at the cell surface. Acts as an E3 ubiquitin-protein ligase, which accepts ubiquitin from specific E2 ubiquitin-conjugating enzymes, and then transfers it to substrates promoting their degradation by the proteasome. Recognizes activated receptor tyrosine kinases, including PDGFA, EGF and CSF1, and terminates signaling.

パスウェイ Protein modification; protein ubiquitination.

関連疾患 Defects in CBL are the cause of Noonan syndrome-like disorder (NSL) [MIM:613563]. NSL is a syndrome characterized by a phenotype reminiscent of Noonan syndrome. Clinical features are highly variable, including facial dysmorphism, short neck, developmental delay, hyperextensible joints and thorax abnormalities with widely spaced nipples. The facial features consist of triangular face with hypertelorism, large low-set ears, ptosis, and flat nasal bridge. Some patients manifest cardiac defects.

配列類似性 Contains 1 Cbl-PTB (Cbl-type phosphotyrosine-binding) domain.

Contains 1 RING-type zinc finger.

Contains 1 UBA domain.

ドメイン The RING-type zinc finger domain mediates binding to an E2 ubiquitin-conjugating enzyme.

The N-terminus is composed of the phosphotyrosine binding (PTB) domain, a short linker region and the RING-type zinc finger. The PTB domain, which is also called TKB (tyrosine kinase binding) domain, is composed of three different subdomains: a four-helix bundle (4H), a calcium-binding EF hand and a divergent SH2 domain.

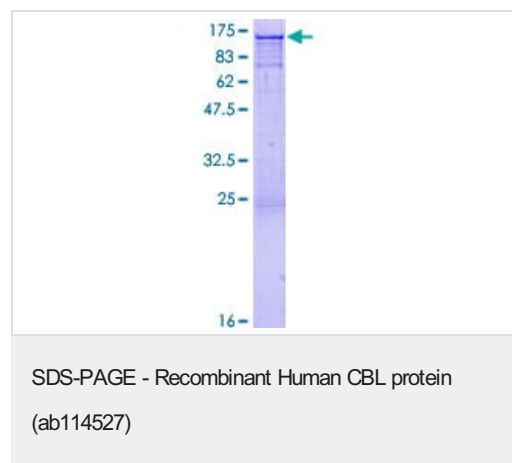
翻訳後修飾

Phosphorylated on tyrosine residues by EGFR, SYK, FYN and ZAP70 (By similarity).
Phosphorylated on tyrosine residues by INSR.

細胞内局在

Cytoplasm.

画像



12.5% SDS-PAGE analysis of Human CBL protein (ab114527).
Stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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