

Recombinant Human STUB1/CHIP protein ab82791

1 References 画像数 2

製品の詳細

製品名	Recombinant Human STUB1/CHIP protein			
精製度	> 90 % SDS-PAGE.			
発現系	Escherichia coli			
タンパク質長	Full length protein			
Animal free	No			
由来	Recombinant			
生物種	Human			
配列	MKGKEEKEGG ARLGAGGGSP EKSPSAQELK EQGNRLFVGR KYPEAAACYG RAITRNPLVA VYYTNRALCY LKMQQHEQAL ADCRRALELD GQSVKAHFFL GQCQLEMESY DEAIANLQRA YSLAKEQRLN FGDDIPSALR IAKKKRWNSI EERRIHQESE LHSYLSRLIA AERERELEEC QRNHEGDEDD SHVRAQQACI EAKHDKYMAD MDELF SQVDE KRKKRDIPDY LCGKISFELM REPCITPSGI TYDRKDIEEH LQRVGHFDPV TRSPLTQEQL IPNLAMKEVI DAFISENGWV EDY			
領域	1 to 303			

特性

Our **Abpromise guarantee** covers the use of **ab82791** 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
	Western blot
製品の状態	Liquid
備考	Previously labelled as STUB1.

前処理および保存

保存方法および安定性

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 7.50

Constituents: 0.077% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)

関連情報

機能

E3 ubiquitin-protein ligase which targets misfolded chaperone substrates towards proteasomal degradation. Ubiquitinates NOS1 in concert with Hsp70 and Hsp40. Modulates the activity of several chaperone complexes, including Hsp70, Hsc70 and Hsp90. Mediates transfer of non-canonical short ubiquitin chains to HSPA8 that have no effect on HSPA8 degradation. Mediates polyubiquitination of DNA polymerase beta (POLB) at 'Lys-41', 'Lys-61' and 'Lys-81', thereby playing a role in base-excision repair: catalyzes polyubiquitination by amplifying the HUWE1/ARF-BP1-dependent monoubiquitination and leading to POLB-degradation by the proteasome. Mediates polyubiquitination of CYP3A4.

組織特異性

Highly expressed in skeletal muscle, heart, pancreas, brain and placenta. Detected in kidney, liver and lung.

パスウェイ

Protein modification; protein ubiquitination.

配列類似性

Contains 3 TPR repeats.

Contains 1 U-box domain.

ドメイン

The TPR domain is essential for ubiquitination mediated by UBE2D1.

翻訳後修飾

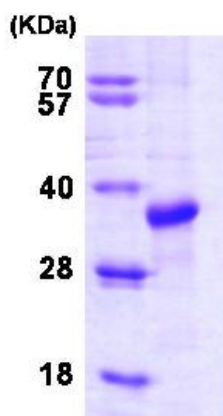
Phosphorylated upon DNA damage, probably by ATM or ATR.

Auto-ubiquitinated; mediated by UBE2D1 and UBE2D2.

細胞内局在

Cytoplasm.

画像



15% SDS-PAGE showing ab82791 at approximately 34.8kDa (3μg).

SDS-PAGE - Recombinant Human STUB1/CHIP protein (ab82791)



Western blot - Recombinant Human STUB1/CHIP protein (ab82791)

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