

Recombinant Human SQSTM1 / p62 protein ab95320

4 References [画像数 1](#)

製品の詳細

製品名	Recombinant Human SQSTM1 / p62 protein
精製度	> 85 % SDS-PAGE. ab95320 is purified using conventional chromatography techniques
発現系	Escherichia coli
アクセッション番号	<u>Q13501</u>
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
配列	MAMSYVKDDI FRIYIKEKKE CRRDHRPPCA QEAPRNMVHP NVICDGCNGP VVGTRYKCSV CPDYDLC SVC EGKGLHRGHT KLAFPSPFGH LSEGFSHSRW LRKVKHGHFG WPGWEMGPPG NWSRPPRAG EARPGP T AES ASGPSEDPSV NFLKNVGESV AAALSPLGIE V DIDVEHGGK RSRLTPVSPE SSSTEEKSSS QPSSCCSDPS KPGGNVEGAT QSLAEQMRKI ALESEGRPEE QMESDNCSSG DDDWTHLSSK EVD PSTGELQ SLQMPSESGP SSLDPSQEGP TGLKEAALYP HLPPEADPRL IESLSQMLSM GFSDEGGWLT RLLQTKNYDI GAALDTIQYS KHPPPLLEHH HHHH
領域	85 to 440
タグ	His tag C-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab95320** 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
	Mass Spectrometry
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 at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)

関連情報

機能

Adapter protein which binds ubiquitin and may regulate the activation of NFκB1 by TNF-α, nerve growth factor (NGF) and interleukin-1. May play a role in titin/TTN downstream signaling in muscle cells. May regulate signaling cascades through ubiquitination. Adapter that mediates the interaction between TRAF6 and CYLD (By similarity). May be involved in cell differentiation, apoptosis, immune response and regulation of K(+) channels.

組織特異性

Ubiquitously expressed.

関連疾患

Defects in SQSTM1 are a cause of Paget disease of bone (PDB) [MIM:602080]. PDB is a metabolic bone disease affecting the axial skeleton and characterized by focal areas of increased and disorganized bone turn-over due to activated osteoclasts. Manifestations of the disease include bone pain, deformity, pathological fractures, deafness, neurological complications and increased risk of osteosarcoma. PDB is a chronic disease affecting 2 to 3% of the population above the age of 40 years.

配列類似性

Contains 1 OPR domain.

Contains 1 UBA domain.

Contains 1 ZZ-type zinc finger.

ドメイン

The UBA domain binds specifically 'Lys-63'-linked polyubiquitin chains of polyubiquitinated substrates. Mediates the interaction with TRIM55.

The OPR domain mediates homooligomerization and interactions with PRKCZ, PRKCI, MAP2K5 and NBR1.

The ZZ-type zinc finger mediates the interaction with RIPK1.

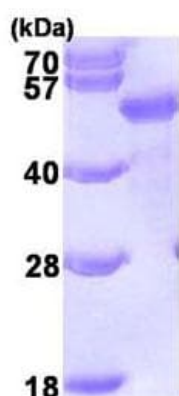
翻訳後修飾

Phosphorylated. May be phosphorylated by PRKCZ (By similarity). Phosphorylated in vitro by TTN.

細胞内局在

Cytoplasm. Late endosome. Nucleus. Sarcomere (By similarity). In cardiac muscles localizes to the sarcomeric band (By similarity). Localizes to late endosomes. May also localize to the nucleus. Accumulates in neurofibrillary tangles and in Lewy bodies of neurons from individuals with Alzheimer and Parkinson disease respectively. Enriched in Rosenthal fibers of pilocytic astrocytoma. In liver cells, accumulates in Mallory bodies associated with alcoholic hepatitis, Wilson disease, indian childhood cirrhosis and in hyaline bodies associated with hepatocellular carcinoma.

画像



ab95320 at 3 µg on an SDS-PAGE gel (15%).

SDS-PAGE - Recombinant Human SQSTM1 / p62
protein (ab95320)

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

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