磷酸化 SH3 结构域结合蛋白 2 抗体

产品货号： mlR19750

英文名称： phospho-SH3BP2 (Ser427)

中文名称： 磷酸化 SH3 结构域结合蛋白 2 抗体

别　　名： SH3BP2 (phospho S427); p-SH3BP2 (phospho S427); 3BP-2; 3BP2; 3BP2_HUMAN; Abl SH3 binding protein 2; Cherubism; CRBM; CRPM; FLJ42079; FLJ54978; RES4-23; SH3 domain binding protein 2; SH3 domain-binding protein 2; Sh3bp2; TNFAIP3 interacting protein 2.

产品类型： 磷酸化抗体

研究领域： 细胞生物　信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Cow,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500（石蜡切片需做抗原修复）
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

分 子 量： 62kDa

细胞定位： 细胞浆

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthesised phosphopeptide derived from human SH3BP2 around the phosphorylation site of Ser427:SF(p-S)FE

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed： PubMed

产品介绍： The protein encoded by this gene has an N-terminal pleckstrin homology (PH) domain, an SH3-binding proline-rich region, and a C-terminal SH2 domain. The protein binds to the SH3 domains of several proteins including the ABL1 and SYK protein tyrosine kinases , and functions as a cytoplasmic adaptor protein to positively regulate transcriptional activity in T, natural killer (NK), and basophilic cells. Mutations in this gene result in cherubism. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]

Function:

Binds differentially to the SH3 domains of certain proteins of signal transduction pathways. Binds to phosphatidylinositols; linking the hemopoietic tyrosine kinase fes to the cytoplasmic membrane in a phosphorylation dependent mechanism.

Tissue Specificity:

Expressed in a variety of tissues including lung, liver, skeletal muscle, kidney and pancreas.

DISEASE:

Defects in SH3BP2 are the cause of cherubism (CRBM) [MIM:118400]. CRBM is an autosomal dominant inherited syndrome characterized by excessive bone degradation of the upper and lower jaws, which often begins around three years of age. It is followed by development of fibrous tissue masses, which causes a characteristic facial swelling.

Similarity:

Contains 1 PH domain.

Contains 1 SH2 domain.

SWISS:

P78314

Gene ID:

6452

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.