



## 3BP2 Monoclonal Antibody

Catalog No	YP-mAb-06175
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	SH3BP2 3BP2 RES4-23
Protein Name	SH3 domain-binding protein 2 (3BP-2)
Immunogen	Synthesized peptide derived from human protein . at AA range: 210-290
Specificity	3BP2 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	61kD
Cell Pathway	
Tissue Specificity	Expressed in a variety of tissues including lung, liver, skeletal muscle, kidney and pancreas.
Function	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.,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.,similarity:Contains 1 PH domain.,similarity:Contains 1 SH2 domain.,tissue specificity:Expressed in a variety of tissues including lung, liver, skeletal muscle, kidney and pancreas.,
Background	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],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**