



## Rabbit Anti-MYCBP2 antibody

SL9375R

<b>Product Name:</b>	MYCBP2
<b>Chinese Name:</b>	MYCBinding protein2抗体
<b>Alias:</b>	Pam/highwire/rpm-1 protein; Phr1; MYC binding protein 2; PAM; Pam, highwire, rpm 1; Protein associated with Myc; Probable E3 ubiquitin-protein ligase MYCBP2; Myc-binding protein 2; Pam/highwire/rpm-1 protein; Protein associated with Myc; MYCB2 HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Horse,Sheep,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	510kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human MYCBP2:21-120/4640
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	MYCBP2 belongs to the highwire family. It is a probable E3 ubiquitin-protein ligase which mediates ubiquitination and subsequent proteasomal degradation of target proteins. MYCBP2 may function as a facilitator or regulator of transcriptional activation by MYC and have a role during synaptogenesis. There are two different

isoforms.

**Function:**

Probable E3 ubiquitin-protein ligase which mediates ubiquitination and subsequent proteasomal degradation of target proteins. May function as a facilitator or regulator of transcriptional activation by MYC. May have a role during synaptogenesis.

**Subunit:**

Interacts with MYC. Interacts with TSC2 (tuberin) when TSC2 is in complex with TSC1 (hamartin). Interacts with FBXO45.

**Subcellular Location:**

Nuclear

**Tissue Specificity:**

Expressed in all tissues examined, expression is exceptionally abundant in brain and thymus. Colocalizes with TSC1 and TSC2 along the neurites and in the growth cones. Colocalized with TSC1 in one of the filopodial extensions at the tip of a growth cone.

**Similarity:**

Belongs to the highwire family.  
Contains 1 B box-type zinc finger.  
Contains 1 DOC domain.  
Contains 1 filamin repeat.  
Contains 5 RCC1 repeats.  
Contains 1 RING-type zinc finger.

**SWISS:**

O75592

**Gene ID:**

23077

**Database links:**

[Entrez Gene: 23077](#)Human

[Entrez Gene: 105689](#)Mouse

[Entrez Gene: 290447](#)Rat

[Omim: 610392](#)Human

[SwissProt: O75592](#)Human

[SwissProt: Q7TPH6](#)Mouse

**Important Note:**

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

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