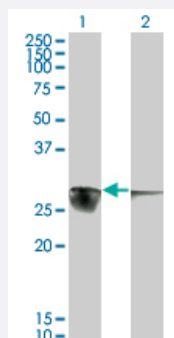


# CACYBP monoclonal antibody (M01), clone 2E3

Catalog # H00027101-M01

Size 100 ug

## Applications

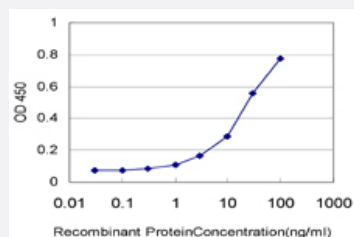


### Western Blot (Transfected lysate)

Western Blot analysis of CACYBP expression in transfected 293T cell line by CACYBP monoclonal antibody (M01), clone 2E3.

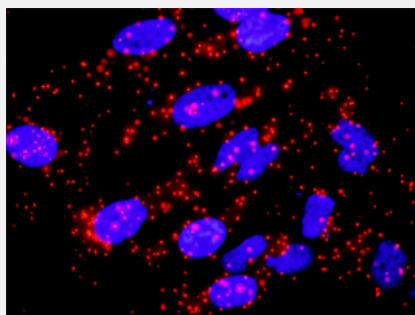
Lane 1: CACYBP transfected lysate (26.61 kDa).

Lane 2: Non-transfected lysate.



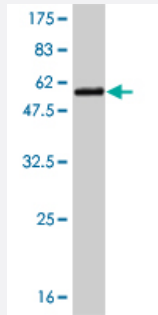
### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CACYBP is approximately 1 ng/ml as a capture antibody.



### In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between SKP1 and CACYBP. HeLa cells were stained with anti-SKP1 rabbit purified polyclonal 1:1200 and anti-CACYBP mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Western Blot detection against Immunogen (50.82 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a full length recombinant CACYBP.
<b>Immunogen</b>	CACYBP (AAH05975, 1 a.a. ~ 228 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	MASEELQKDLEEVKVLLEKATRKVRDALTAEKSKIETEIKNKMQQKSQKKAELLDNEKPAAVVA PITGTYTVKISNYGWDQSDKFVKMTLTGVHQPVTENVQVHFTERSFDLLVKNLNGKSYSMMVNNLL KPISVEGSSKKVKTDTVLILCRKKVENTRWDYLTQVEKECKEKEKPSYDTETDPSEGLMNVLKKIY EDGDDDMKRTINKAWVESREKQAKGDTEF
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (93); Rat (91)
<b>Isotype</b>	IgG1 Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (50.82 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of CACYBP expression in transfected 293T cell line by CACYBP monoclonal antibody (M01), clone 2E3.

Lane 1: CACYBP transfected lysate(26.61 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

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Detection limit for recombinant GST tagged CACYBP is approximately 1ng/ml as a capture antibody.

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- ELISA

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## Gene Info — CACYBP

Entrez GeneID [27101](#)

GeneBank Accession# [BC005975](#)

Protein Accession# [AAH05975](#)

Gene Name CACYBP

Gene Alias GIG5, MGC87971, PNAS-107, RP1-102G20.6, S100A6BP, SIP

Gene Description calcyclin binding protein

Omim ID [606186](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

The protein encoded by this gene is a calcyclin binding protein. It may be involved in calcium-dependent ubiquitination and subsequent proteosomal degradation of target proteins. It probably serves as a molecular bridge in ubiquitin E3 complexes and participates in the ubiquitin-mediated degradation of beta-catenin. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations**

OTTHUMP00000032884|OTTHUMP00000032885|Siah-interacting protein (SIP)|growth-inhibiting gene 5 protein

## Pathway

- [Wnt signaling pathway](#)