

SH2B1 rabbit monoclonal antibody

Catalog # H00025970-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SH2B1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SH2B1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SH2B1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — SH2B1

Entrez GeneID	25970
GeneBank Accession#	SH2B1
Gene Name	SH2B1
Gene Alias	DKFZp547G1110, FLJ30542, KIAA1299, SH2-B, SH2B
Gene Description	SH2B adaptor protein 1
Omim ID	608937
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the SH2-domain containing mediators family. The encoded protein mediates activation of various kinases and may function in cytokine and growth factor receptor signaling and cellular transformation. Alternatively spliced transcript variants have been described. [provided by RefSeq]
Other Designations	SH2 domain-containing putative adapter SH2-B SH2-B alpha signaling protein SH2-B gamma signaling protein SH2-B homolog

Pathway

- [Neurotrophin signaling pathway](#)

Disease

- [Anorexia Nervosa](#)
- [Asthma](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)

- [Insulin Resistance](#)
- [Obesity](#)
- [Weight Gain](#)