

ACTR2 rabbit monoclonal antibody

Catalog # H00010097-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ACTR2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ACTR2 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 ACTR2 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 — ACTR2

Entrez GeneID [10097](#)

GeneBank Accession# [ACTR2](#)

Gene Name ACTR2

Gene Alias ARP2

Gene Description ARP2 actin-related protein 2 homolog (yeast)

Omim ID [604221](#)

Gene Ontology [Hyperlink](#)

Gene Summary The specific function of this gene has not yet been determined; however, the protein it encodes is known to be a major constituent of the ARP2/3 complex. This complex is located at the cell surface and is essential to cell shape and motility through lamellipodial actin assembly and protrusion. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations actin-related protein 2