

# ACTR2 rabbit monoclonal antibody

Catalog # H00010097-K      Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human ACTR2 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human ACTR2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human ACTR2 peptide by ELISA and mammalian transfected lysate by Western Blot.
<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.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	<ol style="list-style-type: none"> <li>Customer may provide cell or tissue lysate for antibody screening.</li> <li>Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab)<sub>2</sub>, IgG, scFv and different Fc and non-Fc conjugates per customer request.</li> </ol>

## 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