

SCYE1 rabbit monoclonal antibody

Catalog # H00009255-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SCYE1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SCYE1 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 SCYE1 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 — SCYE1

Entrez GeneID	9255
GeneBank Accession#	SCYE1
Gene Name	SCYE1
Gene Alias	AIMP1, EMAP2, EMAPII, p43
Gene Description	small inducible cytokine subfamily E, member 1 (endothelial monocyte-activating)
Omim ID	603605
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytokine that is specifically induced by apoptosis, and it is involved in the control of angiogenesis, inflammation, and wound healing. The release of this cytokine renders the tumor-associated vasculature sensitive to tumor necrosis factor. The precursor protein is identical to the p43 subunit, which is associated with the multi-tRNA synthetase complex, and it modulates aminoacylation activity of tRNA synthetase in normal cells. This protein is also involved in the stimulation of inflammatory responses after proteolytic cleavage in tumor cells. Multiple transcript variants encoding different isoforms have been found for this gene. A pseudogene has been identified on chromosome 20. [provided by RefSeq]
Other Designations	ARS-interacting multifunctional protein 1 OTTHUMP00000161878 endothelial monocyte-activating polypeptide 2 endothelial-monocyte activating polypeptide II multisynthetase complex auxiliary component p43 small inducible cytokine subfamily E, member 1

Disease

- [Alcoholism](#)
- [Genetic Predisposition to Disease](#)