

DNAXPab

Hard-to-Find  
Antibody

# SCYE1 DNAXPab

Catalog # H00009255-W01P

Size 200 ug

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against a full-length human SCYE1 DNA using DNAX™ Immune technology.
<b>Technology</b>	<a href="#">DNAX™ Immune</a>
<b>Immunogen</b>	Full-length human DNA
<b>Sequence</b>	MANNDVLRLEQKGAEADQII EYKQQVSLLEKAILQATLREEKKLRVENAKLKKEIEELKQELI QAEIQNGVKQIPFPGTPLHANSMVSENVIQSTAVTTVSSGTKEQIKGGTGDEKKAKEKIEKKGEK KEKKQQSIAGSADSKPIDVSRDLRIGCIITARKHPDADSLYEEVDVGEIAPRTVVSGLVNHVPLE QMQRNMVILLCNLPAKMRGVL SQAMVMCASSPEKIEILAPPNGSVPGDRITFD AFGPEPDKELN PKKKIWEQIQPDLHTNDECVATYKGVPFEVKGKGV CRAQTMSNSGIK
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Quality Control Testing</b>	Antibody reactive against mammalian transfected lysate.
<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)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — SCYE1

Entrez GeneID [9255](#)

GeneBank Accession# [NM\\_004757.2](#)

Protein Accession# [NP\\_004748.2](#)

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](#)