

ECEL1 rabbit monoclonal antibody

Catalog # H00009427-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ECEL1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ECEL1 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 ECEL1 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 — ECEL1

Entrez GeneID [9427](#)

GeneBank Accession# [ECEL1](#)

Gene Name ECEL1

Gene Alias DINE, ECEX, XCE

Gene Description endothelin converting enzyme-like 1

Omim ID [605896](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the M13 family of endopeptidases. In general, M13 family members are zinc-containing type II integral-membrane proteins that are important regulators of neuropeptide and peptide hormone activity. This gene is expressed specifically in the central nervous system and its protein localizes predominately to the endoplasmic reticulum or, in trace amounts, to the cell surface. Disruption of this gene in mouse embryonic stem cells results in neonatal lethality due to respiratory failure shortly after birth. Based on the specific expression of this gene and the phenotype of the gene deficiency in mouse embryos, it is suggested that this protein plays a critical role in neural regulation of the respiratory system. This gene has multiple pseudogenes. [provided by RefSeq]

Other Designations OTTHUMP00000164361|X converting enzyme|damage induced neuronal endopeptidase