TAGLN rabbit monoclonal antibody

Catalog # H00006876-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human TAGLN peptide using ARM Technology.
Immunogen	A synthetic peptide of human TAGLN 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 TAGLN peptide by ELISA and mammalian transfected lysate by W estern 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — TAGLN

Entrez GeneID	6876
GeneBank Accession#	TAGLN
Gene Name	TAGLN
Gene Alias	DKFZp686P11128, SM22, SMCC, TAGLN1, WS3-10
Gene Description	transgelin
Omim ID	600818
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a transformation and shape-change sensitive actin cross-linking/gelling protein found in fibroblasts and smooth muscle. Its expression is down-regulated in many cell lines, and this down-regulation may be an early and sensitive marker for the onset of transformation. A functional role of this protein is unclear. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq
Other Designations	SM22-alpha|transgelin variant 2

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Prostatic Neoplasms
- Tobacco Use Disorder