

Anti-SPEG antibody



Description	Unconjugated Rabbit polyclonal to SPEG
Model	STJ191475
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	IHC
Gene ID	10290
Gene Symbol	SPEG
Dilution range	IHC-p 1:50-300
Specificity	SPEG Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Isoform 1 is preferentially expressed in striated muscle. Non-kinase form such as isoform 3 is predominantly expressed in the aorta. Isoform 3 appears to be expressed only in highly differentiated ASMC in normal vessel walls and down-regulated in dedifferentiated ASMC in vivo. In response to vascular injuries ASMC dedifferentiate and change from a quiescent and contractile phenotype to a proliferative and synthetic phenotype. This proliferation of vascular smooth muscle cells is one of the most prominent f
Purification	SPEG antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Striated muscle preferentially expressed protein kinase Aortic preferentially expressed protein 1 APEG-1

Molecular Weight	359 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:16901OMIM:615950
Alternative Names	Striated muscle preferentially expressed protein kinase Aortic preferentially expressed protein 1 APEG-1
Function	Isoform 3 may have a role in regulating the growth and differentiation of arterial smooth muscle cells.
Cellular Localization	Isoform 3: Nucleus.
Post-translational Modifications	May be autophosphorylated.