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Datasheet for ABIN950694
anti-BVES antibody (C-Term)

2 Images

Overview

Quantity:	0.4 mL
Target:	BVES
Binding Specificity:	AA 312-342, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BVES antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 312-342 amino acids from the C-terminal region of human BVES
Isotype:	Ig Fraction
Specificity:	This antibody reacts to BVES.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	BVES
Alternative Name:	BVES (BVES Products)

Target Details

Background: This gene encodes a member of the POP family of proteins containing three putative transmembrane domains. This gene is expressed in cardiac and skeletal muscle and may play an important role in development of these tissues. The mouse ortholog may be involved in the regeneration of adult skeletal muscle and may act as a cell adhesion molecule in coronary vasculogenesis. Two transcript variants encoding the same protein have been found for this gene. Synonyms: Blood vessel epicardial substance, POP1, POPDC1

Gene ID: 11149

NCBI Accession: [NP_001186492](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) sodium azide as preservative

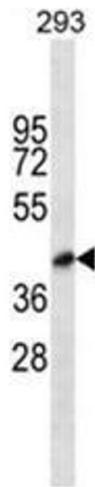
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

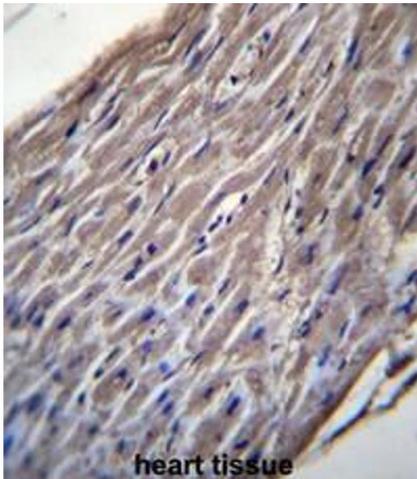
Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. BVES Antibody (C-term) western blot analysis in 293 cell line lysates (35µg/lane). This demonstrates the BVES antibody detected the BVES protein (arrow).



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. BVES Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of BVES Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.