



# POPD1 rabbit pAb

Cat No.:ES9454

For research use only

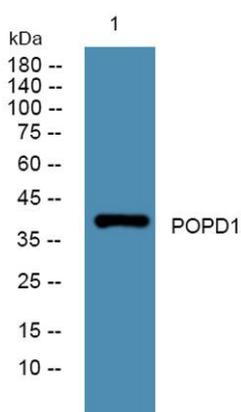
## Overview

<b>Product Name</b>	POPD1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	POPD1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Blood vessel epicardial substance (hBVES) (Popeye domain-containing protein 1) (Popeye protein 1)
<b>Gene Name</b>	BVES POP1 POPDC1
<b>Cellular localization</b>	Lateral cell membrane . Cell junction, tight junction . Membrane ; Multi-pass membrane protein . Cell membrane, sarcolemma . Membrane, caveola . Colocalizes with VAMP3 at the cell-cell contact in cardiac and skeletal muscle (By similarity). Its movement f
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	39kD
<b>Human Gene ID</b>	11149
<b>Human Swiss-Prot Number</b>	Q8NE79
<b>Alternative Names</b>	
<b>Background</b>	blood vessel epicardial substance(BVES) Homo sapiens 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. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Dec 2010],



Western blot analysis of lysates from SW480 cells, primary antibody was diluted at 1:1000, 4° over night

