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Datasheet for ABIN1049496
anti-SPEG antibody (Internal Region)

Overview

Quantity:	100 µg
Target:	SPEG
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SPEG antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	APEG1 / SPEG
Immunogen:	Peptide with sequence ERIARKPTVCESEIR, from the of the protein sequence according to NP_005867.3.
Sequence:	ERIARKPTVC ESEIR
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoform 1 only (NP_005867.3).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

Target:	SPEG
Alternative Name:	SPEG (SPEG Products)
Background:	SPEG, SPEG complex locus, APEG-1, APEG1, BPEG, KIAA1297, MGC12676, SPEGalpha, SPEGbeta, OTTHUMP00000064868, OTTHUMP00000196351, OTTHUMP00000196352, OTTHUMP00000196353, aortic preferentially expressed gene 1, aortic preferentially expressed protein 1, nucl
Gene ID:	10290
NCBI Accession:	NP_005867

Application Details

Application Notes:	Western Blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as large as the calculated size of 354 kDa according to NP_005867.3. Therefore we cannot recommend an optimal concentration and the antibody i Peptide ELISA: antibody detection limit dilution 1:128000.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.