

Goat anti-APEG1 / SPEG Antibody

Item Number	dAP-2694
Target Molecule	Principle Name: APEG1 / SPEG; Official Symbol: SPEG; All Names and Symbols: 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; Accession Number (s): NP_005867.3; Human Gene ID(s): 10290; Non-Human GeneID(s):
Immunogen	ERIARKPTVCESEIR, is from internal region This antibody is expected to recognize isoform 1 only (NP_005867.3).
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as large as the calculated size of 354kDa according to NP_005867.3. Therefore we cannot recommend an optimal concentration and the antibody i
IHC	
Reference	Reference(s): Hsieh CM, Yoshizumi M, Endege WO, Kho CJ, Jain MK, Kashiki S, de los Santos R, Lee WS, Perrella MA, Lee ME. APEG-1, a novel gene preferentially expressed in aortic smooth muscle cells, is down-regulated by vascular injury. J Biol Chem. 1996 Jul 19;271(29):17354-9..PMID: 8663449->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**