10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SMOC1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13673B

Specification

SMOC1 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q9H4F8
Other Accession	NP_071420.1, NP_001030024.1
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**48163**
Antigen Region	**284-313**

SMOC1 Antibody (C-term) - Additional Information

Gene ID 64093

Other Names
SPARC-related modular calcium-binding protein 1, Secreted modular calcium-binding protein 1, SMOC-1, SMOC1

Target/Specificity
This SMOC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 284-313 amino acids from the C-terminal region of human SMOC1.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
SMOC1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SMOC1 Antibody (C-term) - Protein Information

Name SMOC1

Function Plays essential roles in both eye and limb development. Probable regulator of osteoblast

differentiation.

Cellular Location
Secreted, extracellular space, extracellular matrix, basement membrane. Note=In or around the basement membrane

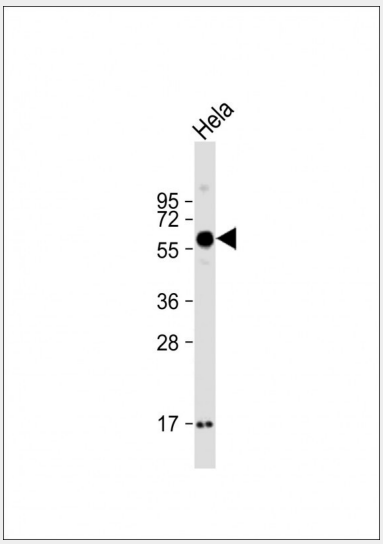
Tissue Location
Widely expressed in many tissues with a strongest signal in ovary. No expression in spleen

SMOC1 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

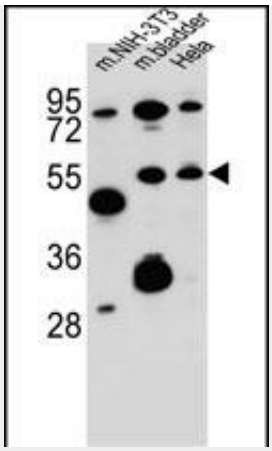
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SMOC1 Antibody (C-term) - Images



Anti-SMOC1 Antibody (C-term) at 1:2000 dilution + Hela whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 48 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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SMOC1 Antibody (C-term) (Cat. #AP13673b) western blot analysis in mouse NIH-3T3 cell line and mouse bladder tissue and Hela cell line lysates (35ug/lane).This demonstrates the SMOC1 antibody detected the SMOC1 protein (arrow).

SMOC1 Antibody (C-term) - Background

The function of this protein remains unknown.

SMOC1 Antibody (C-term) - References

Choi, Y.A., et al. J. Proteome Res. 9(6):2946-2956(2010)
Sherva, R., et al. Am. J. Hypertens. 20(4):398-402(2007)
Heilig, R., et al. Nature 421(6923):601-607(2003)
Vannahme, C., et al. J. Biol. Chem. 277(41):37977-37986(2002)

SMOC1 Antibody (C-term) - Citations

- PRDM16 orchestrates angiogenesis via neural differentiation in the developing brain