

Datasheet for ABIN2789396
anti-SPARC antibody (C-Term)



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1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	SPARC
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Sheep, Zebrafish (Danio rerio), Dog, Goat, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPARC antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Sequence:	LAPLRAPLIP MEHCTTRFFE TCDLDNDKYI ALDEWAGCFG IKQKDIDKDL
Predicted Reactivity:	Cow: 93%, Dog: 86%, Goat: 93%, Guinea Pig: 86%, Horse: 86%, Human: 100%, Mouse: 79%, Rabbit: 93%, Rat: 92%, Sheep: 93%, Zebrafish: 77%
Characteristics:	This is a rabbit polyclonal antibody against SPARC. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	SPARC
Alternative Name:	SPARC (SPARC Products)
Background:	Secreted protein acidic and rich in cysteine/osteonectin/BM40, or SPARC, is a matrix-

Target Details

associated protein that elicits changes in cell shape, inhibits cell-cycle progression, and influences the synthesis of extracellular matrix (ECM).

Alias Symbols: ON

Protein Interaction Partner: UBQLN1, ZNF579, XRCC6, CTSK, VEGFA, TGM2, TGFB1, THBS1, SPARC, PDGFA, PLAT, PLG, HSPG2, SDC2, FN1, COL13A1, COL3A1, COL1A2, COL1A1, COL2A1, PDGFB, COL5A1,

Protein Size: 303

Molecular Weight: 35 kDa

Gene ID: 6678

NCBI Accession: [NM_003118](#), [NP_003109](#)

UniProt: [P09486](#)

Pathways: [Autophagy](#)

Application Details

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

Comment: Antigen size: 303 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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 freeze-thaw cycles.

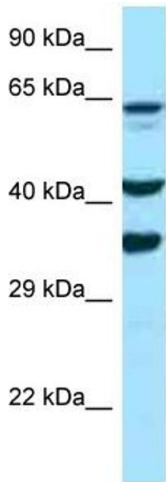
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Boyineni, Tanpure, Gnanamony, Antony, Fernández, Lin, Pinson, Gondi: "SPARC overexpression combined with radiation retards angiogenesis by suppressing VEGF-A via miR-410 in human neuroblastoma cells." in: **International journal of oncology**, Vol. 49, Issue 4, pp. 1394-406, (2016) ([PubMed](#)).

Images



Rabbit Anti-SPARC Antibody
Catalog Number: ARP63168
Lot Number: QC34245
Lane: PANC1 Cell Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 1.