

SPARC Antibody

Catalog No: #42713

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Description

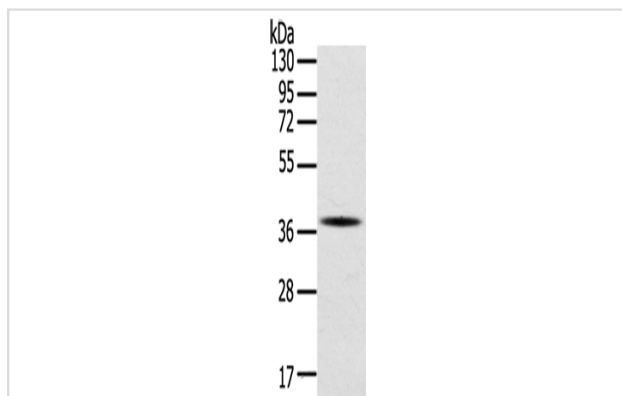
Product Name	SPARC Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SPARC protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human SPARC
Target Name	SPARC
Other Names	ON
Accession No.	Swiss-Prot#: P09486Gene ID: 6678
Uniprot	P09486
GeneID	6678;
Calculated MW	35kd
Concentration	1.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

Images



Gel: 8%SDS-PAGE

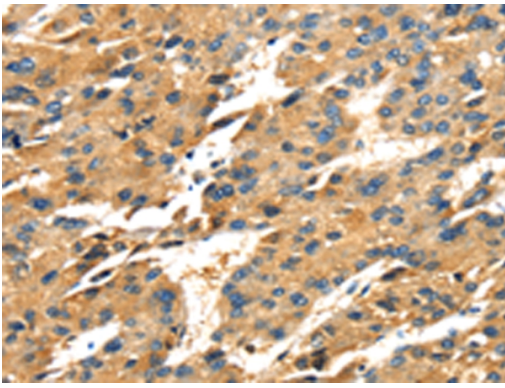
Lysate: 40 µg

Lane: A375 cells

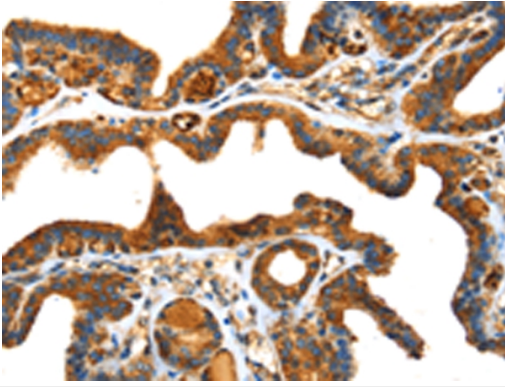
Primary antibody: 1/400 dilution

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 seconds



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #42713 at dilution 1/25.



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #42713 at dilution 1/25.

Background

This gene encodes a cysteine-rich acidic matrix-associated protein. The encoded protein is required for the collagen in bone to become calcified but is also involved in extracellular matrix synthesis and promotion of changes to cell shape. The gene product has been associated with tumor suppression but has also been correlated with metastasis based on changes to cell shape which can promote tumor cell invasion.?

Note: This product is for in vitro research use only