

Anti-SPARC Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 33 kDa. Actual: 33 kDa.
Purification:	Protein A purified

Applications

1. Paraformaldehyde-fixed, paraffin embedded (rat placenta); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (SPARC) Polyclonal Antibody, Unconjugated (TMAB-13079) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
2. Paraformaldehyde-fixed, paraffin embedded (mouse kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (SPARC) Polyclonal Antibody, Unconjugated (TMAB-13079) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

3. Sample:

Lane 1: Mouse Cerebellum tissue lysates

Verified Activity: Lane 2: Mouse Kidney tissue lysates

Lane 3: Mouse B16 cell lysates

Lane 4: Rat Cerebrum tissue lysates

Primary: Anti-SPARC (TMAB-13079) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 33 kDa

Observed band size: 33 kDa

4. Measured by its binding ability in a indirect ELISA. Immobilized Human SPARC protein, His Tag at 2 µg/mL (100 µL/well) can bind Rabbit Anti-Human SPARC Antibody, the EC50 is 21.47 ng/mL.

5. Measured by its binding ability in a indirect ELISA. Immobilized Human SPARC protein, His Tag at 2 µg/mL (100 µL/well) can bind Rabbit Anti-Human SPARC Antibody, the EC50 is 72.97 ng/mL.

Application: WB,IHC-P,IHC-Fr,IF,ELISA

Recommended WB: 1:500-2000; IHC-P: 1:400-800; IHC-Fr: 1:400-800; IF: 1:100-500; ELISA: 1:5000-10000

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein: human SPARC protein
Antigen Species: Human
Gene ID: 6678
Uniprot ID: P09486

Research 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. [provided by RefSeq, Dec 2011].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481