SHP-2(Ab-542) Antibody

Catalog No: #21319

Package Size: #21319-1 50ul #21319-2 100ul #21319-4 25ul

Overview

Product Name	SHP-2(Ab-542) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	SHP-2
Alternative Names	Protein-tyrosine phosphatase 2C

Application Details

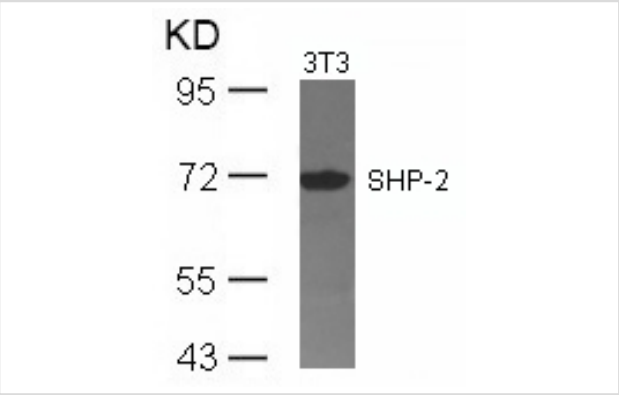
Predicted MW: 72kd

Western blotting: 1:500~1:1000

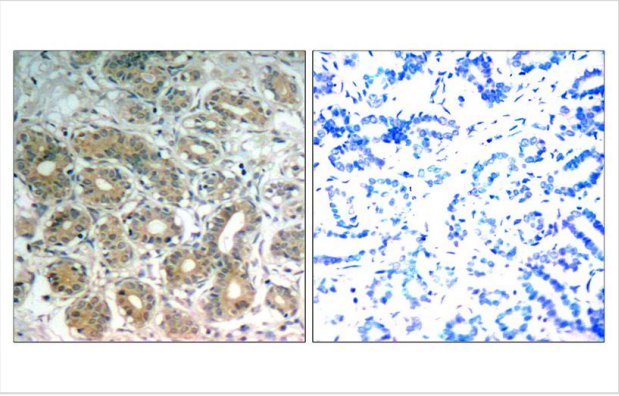
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

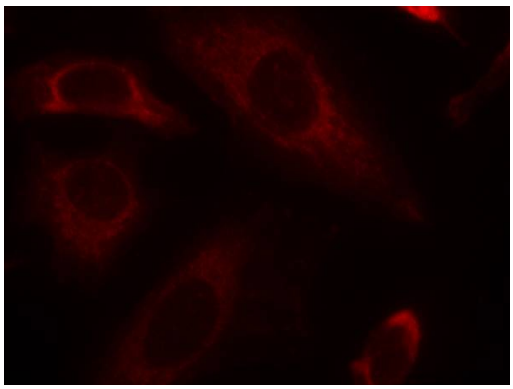
Images



Western blot analysis of extracts from 3T3 cells using SHP-2(Ab-542) Antibody #21319.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using SHP-2(Ab-542) Antibody #21319(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using SHP-2(Ab-542) Antibody #21319.

Descriptions

Immunogen	Peptide sequence around aa. 540~544 (H-E-Y-T-N) derived from Human SHP-2.
Specificity	The antibody detects endogenous level of total SHP-2 protein.
Purifiction	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: Q06124NCBI Protein: NP_002825.3

Related Information

Acts downstream of various receptor and cytoplasmic protein tyrosine kinases to participate in the signal transduction from the cell surface to the nucleus.

Ferjoux G, et al. (2003) Mol Biol Cell. 2003; 14(9): 3911-3928.
Shi ZQ, et al. (2000) Mol Cell Biol ; 20(5): 1526-1536.
Li C, Friedman JM. (1999) Proc Natl Acad Sci U S A ; 96(17): 9677-9682
Manes S, et al. (1999) Mol Cell Biol ; 19(4): 3125-3135.
Oh ES, et al. (1999) Mol Cell Biol; 19(4): 3205-3215.