

SHP-2(Phospho-Tyr542) Antibody

Catalog No: #11319



Package Size: #11319-1 50ul #11319-2 100ul #11319-4 25ul

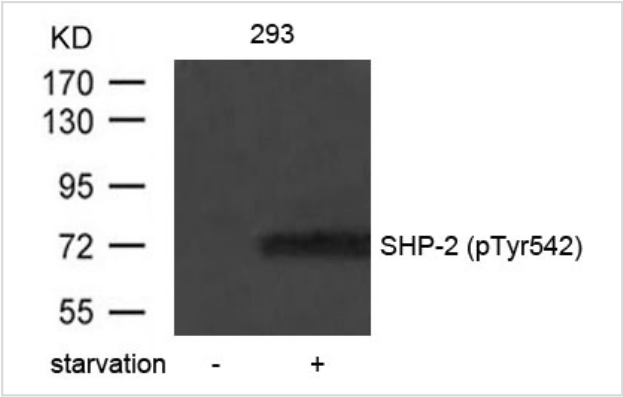
Overview

Product Name	SHP-2(Phospho-Tyr542) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	SHP-2
Modification	Phospho-Tyr542
Alternative Names	PTN11; PTP-1D; PTP-2C; PTP2C; PTPN11

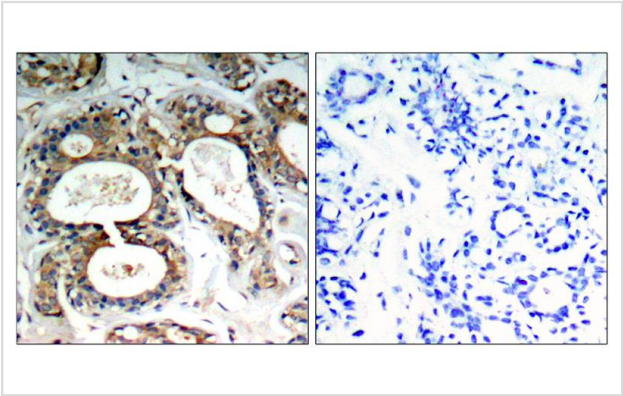
Application Details

Predicted MW: 72kd
Western blotting: 1:500~1:1000
Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from 293 cells untreated or treated with starvation using SHP-2(Phospho-Tyr542) Antibody #11319.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using SHP-2(Phospho-Tyr542) Antibody #11319(left) or the same antibody preincubated with blocking peptide(right).

Descriptions

Immunogen	Peptide sequence around phosphorylation site of tyrosine 542 (H-E-Y(p)-T-N) derived from Human SHP-2.
Specificity	The antibody detects endogenous level of SHP-2 only when phosphorylated at tyrosine 542.
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.