

Enogene

SHP-2 (Ab-542) Antibody

E11-0027B

Catalog Number: E11-0027B**Amount:** 100 μ g/100 μ l**Swiss-Prot No.:** Q06124**All Names:** EC 3.1.3.48, PTN11, PTP-1D, PTP-2C, PTP2C, PTPN11, Protein-tyrosine phosphatase 2C, Protein-tyrosine phosphatase, non-receptor type 11, SH-PTP2, SH-PTP3, SHPTP2**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.**Storage/Stability:** Store at -20°C/1 year**Immunogen:** The antiserum was produced against synthesized non-phosphopeptide derived from human SHP-2 around the phosphorylation site of tyrosine542 (H-E-Y^P-T-N).**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.**Specificity/Sensitivity:** SHP-2 (Ab-542) antibody detects endogenous levels of total SHP-2 protein.**Reactivity:** Human, Mouse, Rat**Applications:** WB: 1:500~1000 IHC: 1:50~100

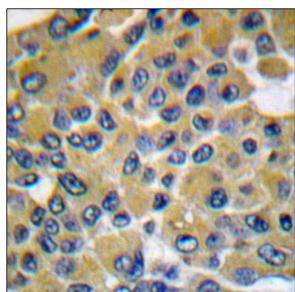
ELISA: 1:40000

References: Minako Yamaoka-Tojo, Arterioscler. Thromb. Vasc. Biol., Sep 2006; 26: 1991 - 1997.

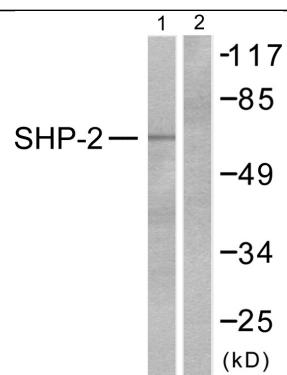
Liang Liang, Endocrinology, Sep 2000; 141: 3328.

Tony Avril, J. Immunol., Dec 2004; 173: 6841 - 6849.

Laura A. Maile, Mol. Biol. Cell, Sep 2003; 14: 3519.



Peptide - +
 Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using SHP-2 (Ab-542) antibody (#B0027).



Western blot analysis of extracts from A431 cells, using SHP-2 (Ab-542) antibody (#B0027, Line 1 and 2).

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