



SHP-2 (Ab-580) Antibody

E11-0028B

Catalog Number: E11-0028B

Amount: 100µg/100µl

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 tyrosine 580 (R-V-Y^P-E-N).

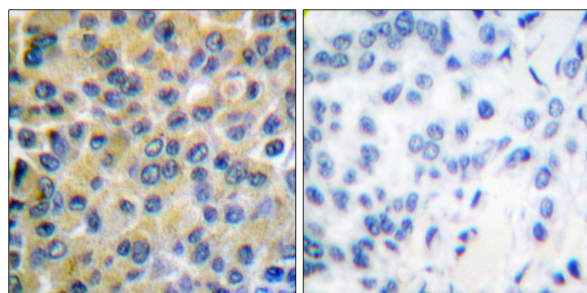
Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity/Sensitivity SHP-2 (Ab-580) antibody detects endogenous levels of total SHP-2 protein.

Reactivity: Human, Mouse, Rat

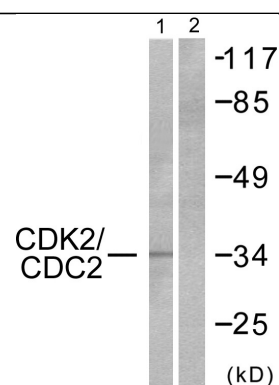
Applications: WB: 1:500~1000 IHC: 1:50~100
ELISA: 1:20000

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-580) antibody (#B0028).



Peptide - +

Western blot analysis of extracts from A431 cells, using SHP-2 (Ab-580) antibody (#B0028, Line 1 and 2).

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