

## G3BP-1 (Phospho-Ser232) antibody Blocking peptide

Catalog Number: 51082

**Amount:** 100μg/100μl

Form of Peptide: Peptide in 10 mM phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl,

0.1 mM EDTA, 1 mg/ml BSA, 5% DMF and 5% glycerol.

Peptide Information: The synthesized phosphopeptide was derived from human G3BP-1 around the

phosphorylation site of serine 232 (S-S-S<sup>P</sup>-P-A).

Storage: Store at -20°C.

**Quality Control:** The quality of the peptide was evaluated by reversed-phase HPLC and mass spectrometry.

**Specificity:** The peptide specifically blocks the signal of G3BP-1 (Phospho-Ser232) antibody (#11082)

completely in Western blotting and IHC.

Applications: For Western blotting:add 10 µl of antibody and 10 µl of blocking peptide to 10 ml of antibody

dilution buffer, and incubate at 4℃ over night or at room temperature for 2 hours before

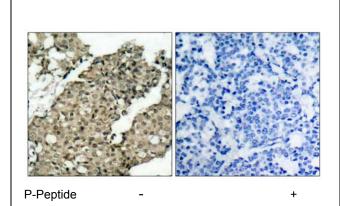
allowing to react with the blot.

**References:** Tao WA, et al. (2005) Nat Methods. 2(8): 591-598.

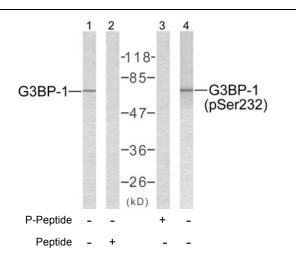
Zheng H, et al. (2005) Mol Cell Proteomics. 4(6):721-730.

Beausoleil SA, et al. (2004) Proc Natl Acad Sci U S A.101 (33): 12130-12135.

Tourrihre H, et al. (2003) J Cell Biol.160 (6): 823-831.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using G3BP-1 (phospho-Ser232) antibody (#11082).



Western blot analysis of extracts from 293 cells using G3BP-1 (Ab-232) antibody (#21102, Lane 1 and 2) and G3BP-1 (phospho-Ser232) antibody (#11082, Lane 3 and 4).