

Anti- NPM (Phospho-Thr199) Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A100090-01	50 μ l
A100090-02	100 μ l

Specificity	Anti- NPM (Phospho-Thr199) (human mouse rat)
Source	Rabbit Polyclonal
Application	WB ELISA IHC IF
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: P06748

Other Names: B23.1, NPM isoform 1, NPM1, Nucleolar phosphoprotein B23, Nucleolar protein NO38, Numatrin, nucleophosmin

Specificity and Sensitivity

NPM (Phospho-Thr199) antibody detects endogenous levels of NPM only when phosphorylated at threonine 199.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human NPM around the phosphorylation site of threonine 199 (R-D-T^P-P-A).

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

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 IF: 1:100~1:500

IHC: 1:50~1:100 ELISA: 1:60000

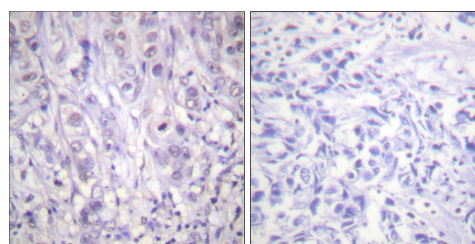
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

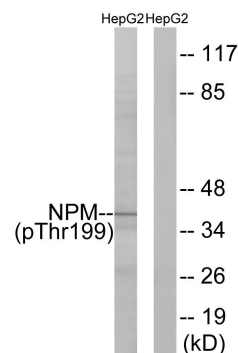
Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

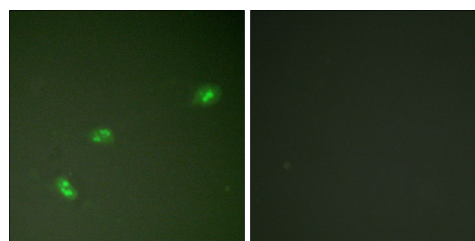
Images



P-peptide - +
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using NPM (Phospho-Thr199) antibody.



P-peptide - +
Western blot analysis of extracts from HepG2 cells, using NPM (Phospho-Thr199) antibody.



EGF + -
Immunofluorescence analysis of HeLa cells, treated with EGF (200nM, 5mins), using NPM (Phospho-Thr199) antibody.