

## Anti-NPM (phospho-T234) NPM1 Antibody

Catalog Number: A00450T234

### About NPM1

This antibody is suitable for Cancer, Immunology and Nuclear Signaling research. Fibroblast Activation Protein (FAP) is expressed in the stroma of sites that are undergoing wound healing. In addition, it has recently been reported that FAP is expressed in the stroma of sites of metastatic disease. Inhibition of FAP may lead to a dramatic decrease in the number of metastatic osteosarcoma lung nodules. FAP exists as an inactive monomer and when activated forms homodimers or heterodimers with DPP4. Multiple isoforms of FAP are reported as alternative splicing products from a common gene.

### Overview

Product Name	Anti-NPM (phospho-T234) NPM1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-NPM (phospho-T234) NPM1 Antibody catalog # A00450T234. Tested in WB,IHC applications. This antibody reacts with Human,Mouse,Rat.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P06748

### Technical Details

Immunogen	Synthesized peptide derived from human Insulin R around the phosphorylation site of Y1361.
Predicted Reactive Species	Canine, Monkey
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB: 1:500-1:1000

IHC: 1:50-1:200

## Anti-NPM (phospho-T234) NPM1 Antibody (A00450T234) Images

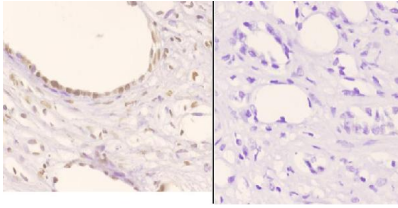


Figure 2. Immunohistochemistry validation of NPM1 using Anti-NPM (phospho-T234) NPM1 Antibody (A00450T234).

Immunohistochemistry (IHC) analyzes of p-NPM (T234) pAb in paraffin-embedded human kidney carcinoma tissue at 1:50, showing nucleus staining. Negative control (the right) Using PBS instead of primary antibody

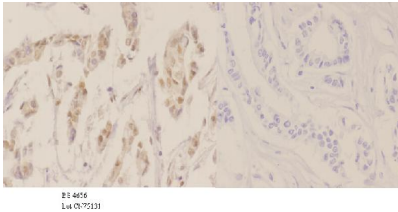


Figure 3. Immunohistochemistry validation of NPM1 using Anti-NPM (phospho-T234) NPM1 Antibody (A00450T234).

Immunohistochemistry (IHC) analyzes of p-NPM (T234) pAb in paraffin-embedded human breast carcinoma tissue at 1:50, showing Nucleus staining. Negative control (the right) Using PBS instead of primary antibody

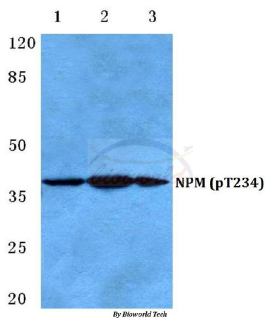


Figure 1. Western blotting validation for Anti-NPM (phospho-T234) NPM1 Antibody A00450T234

Western blot (WB) analysis of p-NPM1 (T234) polyclonal antibody at 1:500 dilution  
Lane1: MCF-7 cell lysate treated with colchicine (0.2 µg/ML)

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