

## Optimize Your Research

# Op18(Phospho Ser38) Polyclonal Antibody

### Description

Product type Primary Antibody

Code BT-AP12415

**Host** Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human Stathmin 1 around the

phosphorylation site of Ser37. AA range:5-54

Mol wt 17303

Species reactivity Human, Mouse, Rat, Monkey

**Clonality** Polyclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name Stathmin

Synonyms Stathmin; STMN1; C1orf215; LAP18; OP18; Stathmin; Leukemia-associated phosphoprotein p18;

Metablastin; Oncoprotein 18; Op18; Phosphoprotein p19; pp19; Prosolin; Protein Pr22; pp17

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

#### Background

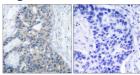
This gene belongs to the stathmin family of genes. It encodes a ubiquitous cytosolic phosphoprotein proposed to function as an intracellular relay integrating regulatory signals of the cellular environment. The encoded protein is involved in the regulation of the microtubule filament system by destabilizing microtubules. It prevents assembly and promotes disassembly of microtubules. Multiple transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilution

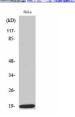
WB: 1: 500 - 1: 2000 IHC-p: 1: 100 - 1: 300 ELISA: 1: 20000

Not yet tested in other applications.

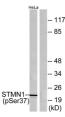
#### **Images**



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using Stathmin 1 (Phospho-Ser37) Antibody. The picture on the right is blocked with the phospho peptide.



Western Blot analysis of various cells using Phospho-Op18 (S38) Polyclonal Antibody



Western blot analysis of lysates from HeLa cells treated with nocodazole, using Stathmin 1 (Phospho-Ser37) Antibody. The lane on the right is blocked with the phospho peptide.

## Storage

-20°C for 1 year

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