Leader in Biomolecular Solutions for Life Science

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Phospho-Stathmin 1-S25 Rabbit pAb

Catalog No.: AP0220 **2 Publications**

Basic Information

Observed MW
17kDa

Calculated MW
17kDa

Category
Primary antibody

Applications
WB,IHC-P,ELISA

Cross-Reactivity
Human, Mouse, Rat

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 Dilutions

WB	1:100 - 1:500
IHC-P	1:50 - 1:100
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
3925

Swiss Prot
P16949

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
Lag; SMN; OP18; PP17; PP19; PR22; LAP18; C1orf215; Phospho-Stathmin 1-S25

Contact

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Product Information

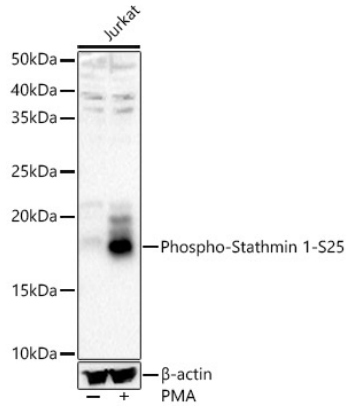
Source
Rabbit

Isotype
IgG

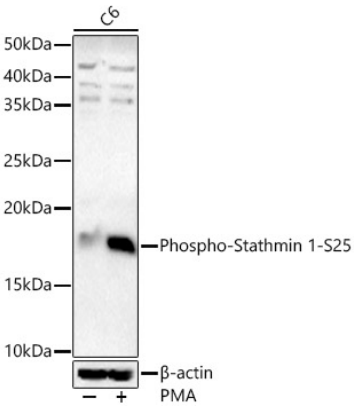
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates, using Phospho-Stathmin 1-S25 Rabbit pAb (AP0220) at 1:400 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.



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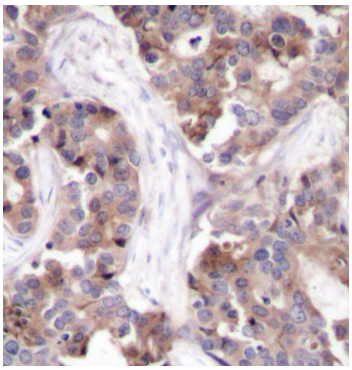

Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma using Phospho-Stathmin 1-S25 Rabbit pAb (AP0220). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.