

## Phospho-STAT3-S727 Antibody

**CABP0474**

### Description

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This Phospho-STAT3-S727 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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<b>SKU:</b>	CABP0474
<b>Contents:</b>	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Polyclonal Antibody
<b>Synonyms:</b>	APRF, HIES, ADMIO, ADMIO1, Phospho-STAT3-S727
<b>Clone:</b>	-
<b>Applications:</b>	<b>WB</b>   <b>IHC-P</b>   <b>IP</b>   <b>ELISA</b>
<b>Conjugation:</b>	Unconjugated
<b>Reactivity:</b>	Human, Mouse, Rat

### Antibody Data

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<b>Gene ID:</b>	6774
<b>Uniprot:</b>	AB_2771567
<b>Host Species:</b>	Rabbit
<b>Purification:</b>	Affinity purification
<b>Observed MW:</b>	86kDa
<b>Calculated MW:</b>	88kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.

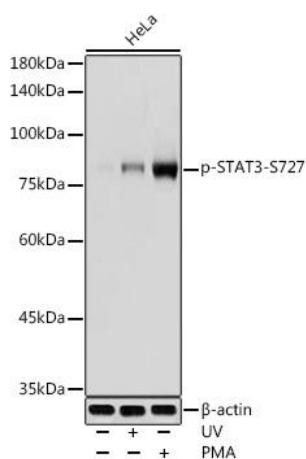
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** HeLa, HeLa treated with UV or PMA, HepG2, HepG2 treated with PMA, C6 treated with UV or PMA

<b>Recommended Dilutions:</b>	<table border="1"> <tr> <td><b>WB</b></td><td>1:500 - 1:5000</td></tr> <tr> <td><b>IHC-P</b></td><td>1:50 - 1:200</td></tr> <tr> <td><b>IP</b></td><td>0.5µg-4µg antibody for 200µg-400µg extracts of whole cells</td></tr> <tr> <td><b>ELISA</b></td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table>	<b>WB</b>	1:500 - 1:5000	<b>IHC-P</b>	1:50 - 1:200	<b>IP</b>	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells	<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
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**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data



Western blot analysis of lysates from HeLa cells, using Phospho-STAT3- Rabbit pAb (CABP0474) at 1:1000 dilution. HeLa cells were treated with UV at room temperature for 15-30 minutes. HeLa cells were treated with PMA/TPA (200 nM) at 37°C for 15 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.

