

## Rabbit anti DDDDK-Tag Polyconal Antibody

CABE004

### Description

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This Rabbit anti DDDDK-Tag Polyconal 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>	CABE004
<b>Contents:</b>	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Polyclonal Antibody
<b>Synonyms:</b>	DDDDK, DDDDK tag, DDDDK-tag
<b>Clone:</b>	-
<b>Applications:</b>	<span>WB</span> <span>IF/ICC</span> <span>IP</span>
<b>Conjugation:</b>	Unconjugated
<b>Reactivity:</b>	Species independent

### Antibody Data

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<b>Gene ID:</b>	-
<b>Uniprot:</b>	AB_2771921
<b>Host Species:</b>	Rabbit
<b>Purification:</b>	Affinity purification
<b>Observed MW:</b>	48kDa
<b>Calculated MW:</b>	-

## Preparation & Storage

**Storage:** Store at -20°C. 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.

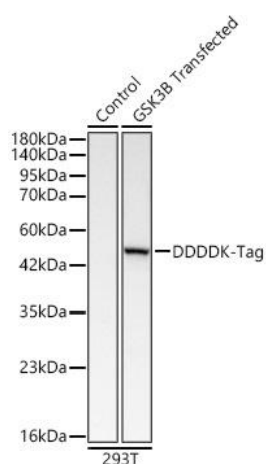
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** 293T

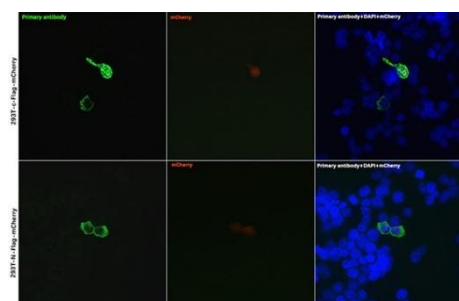
<b>Recommended Dilutions:</b>	<b>WB</b>	1:2000 - 1:10000
	<b>IF/ICC</b>	1:50 - 1:200
	<b>IP</b>	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

**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

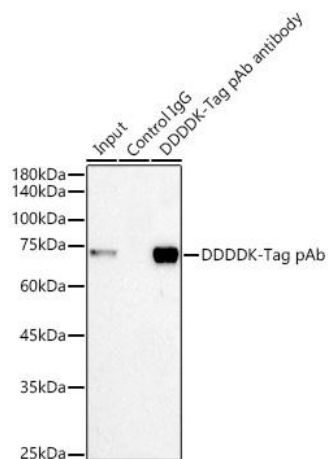
## Validation Data



Western blot analysis of lysates from wild type (WT) and 293T cells transfected with DDDDK-Tag using Rabbit anti DDDDK-Tag pAb (CABE004) at 1:10000 dilution. Secondary antibody:(CABS014 ) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.



Immunofluorescence analysis of 293T cells transfected with Flag-c(mCherry) and 293T cells transfected with Flag-N(mCherry) use Rabbit anti DDDDK-Tag pAb (CABE004) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 300 µg extracts of 293T-SERPINB1-Flag-GFP cells using 3 µg DDDDK-Tag pAb (CABE004). Western blot was performed from the immunoprecipitate using DDDDK-Tag pAb (CABE004) at a dilution of 1:50000.