

## PAPD7 Antibody

**CAB10017**

### Description

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This PAPD7 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>	CAB10017
<b>Contents:</b>	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Polyclonal Antibody
<b>Synonyms:</b>	LAK1, POLK, POLS, TRF4, LAK-1, PAPD7, TRF41, TRF4-1, TUTASE5
<b>Clone:</b>	-
<b>Applications:</b>	<span style="background-color: red; border: 1px solid black; padding: 2px 5px;">WB</span> <span style="background-color: #4682B4; border: 1px solid black; padding: 2px 5px;">IHC-P</span> <span style="background-color: #3CB371; border: 1px solid black; padding: 2px 5px;">ELISA</span>
<b>Conjugation:</b>	Unconjugated
<b>Reactivity:</b>	Human, Mouse, Rat

### Antibody Data

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<b>Gene ID:</b>	11044
<b>Uniprot:</b>	AB_2757536
<b>Host Species:</b>	Rabbit
<b>Purification:</b>	Affinity purification
<b>Observed MW:</b>	82kDa
<b>Calculated MW:</b>	85kDa

## 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.

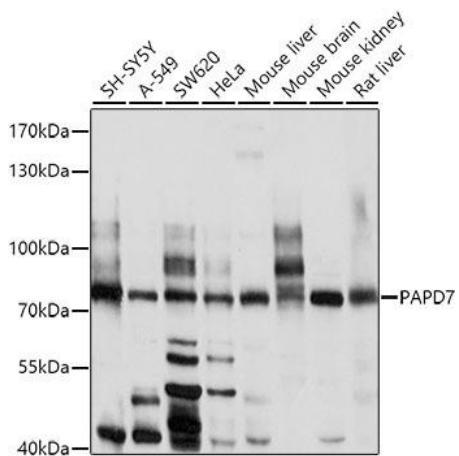
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** SH-SY5Y, A-549, SW620, HeLa, Mouse liver, Mouse brain, Mouse kidney, Rat liver

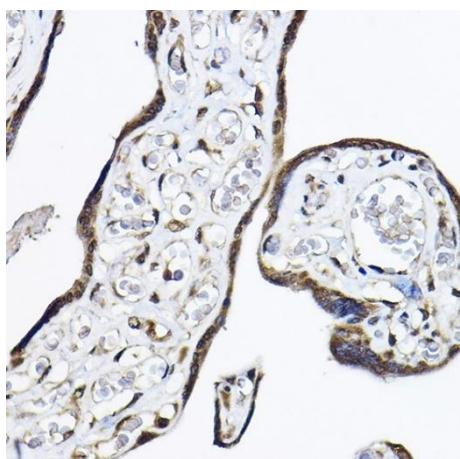
<b>Recommended Dilutions:</b>	<b>WB</b>	1:500 - 1:1000
	<b>IHC-P</b>	1:50 - 1:200
	<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**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 various lysates using PAPD7 Rabbit pAb (CAB10017) at 1:1000 dilution. 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 Enhanced Kit (AbGn00021). Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Human placenta using PAPD7 Rabbit pAb (CAB10017) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.