

## PARK7 Antibody

**CAB18580**

### Description

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This PARK7 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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**SKU:** CAB18580

**Contents:** 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

**Category:** Polyclonal Antibody

**Synonyms:** DJ1, DJ-1, GATD2, HEL-S-67p, DJ-1/PARK7

**Clone:** -

**Applications:** WB IHC-P IF/ICC ELISA

**Conjugation:** -

**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 11315

**Uniprot:** AB\_2862340

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 22kDa

**Calculated MW:** 20kDa

## 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.

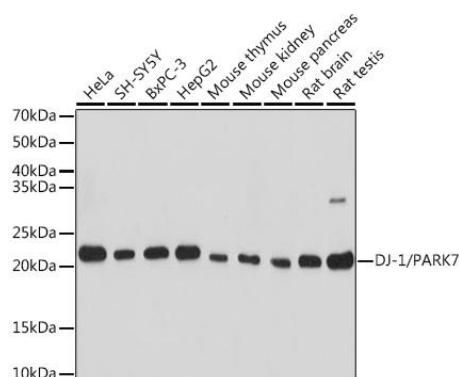
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** HeLa, SH-SY5Y, BxPC-3, HepG2, Mouse thymus, Mouse kidney, Mouse pancreas, Rat brain, Rat testis

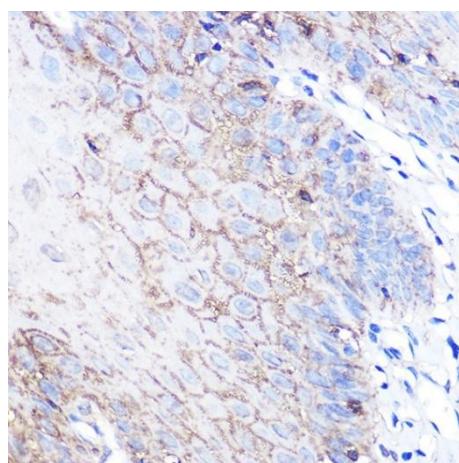
<b>Recommended Dilutions:</b>	WB	1:500 - 1:1000
	IHC-P	1:50 - 1:200
	IF/ICC	1:50 - 1:200
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**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

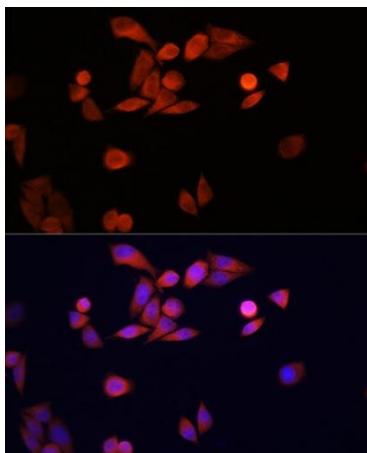
## Validation Data



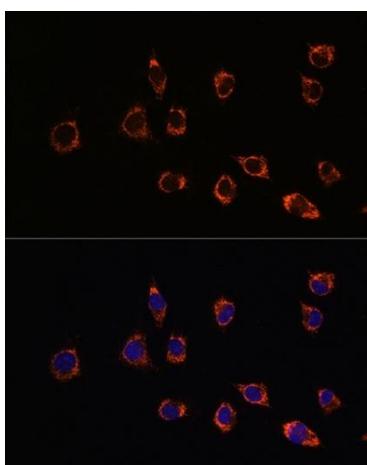
Western blot analysis of various lysates using DJ-1/PARK7 Rabbit pAb (CAB18580) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Human esophageal using DJ-1/PARK7 Rabbit pAb (CAB18580) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of HeLa cells using DJ-1/PARK7 Rabbit pAb (CAB18580) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of cells using DJ-1/PARK7 Rabbit pAb (CAB18580) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.