

## DJ-1/PARK7 Polyclonal Antibody

catalog number: E-AB-92096

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

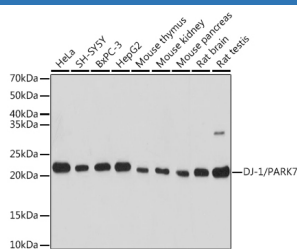
### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant fusion protein of human DJ-1/PARK7
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

### Applications

Applications	Recommended Dilution
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:50-1:200
<b>IF</b>	1:50-1:200

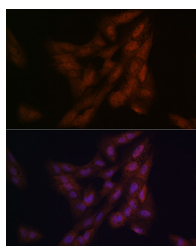
### Data



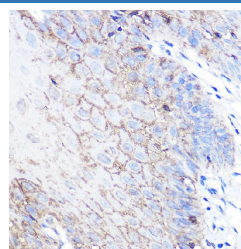
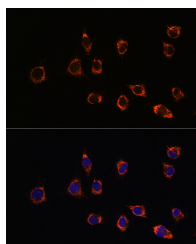
Western blot analysis of extracts of various cell lines using DJ-1/PARK7 Polyclonal Antibody at 1:1000 dilution.

**Observed-MV:22 kDa**

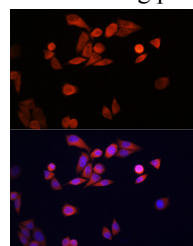
**Calculated-MV:19 kDa**



Immunofluorescence analysis of C6 cells using DJ-1/PARK7 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry of paraffin-embedded human esophageal using DJ-1/PARK7 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunofluorescence analysis of HeLa cells using DJ-1/PARK7 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

### For Research Use Only

Immunofluorescence analysis of L929 cells using  
DJ-1/PARK7 Polyclonal Antibody at dilution of 1:100 (40x  
lens). Blue: DAPI for nuclear staining.

## Preparation & Storage

**Storage**

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

**Shipping**

The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

## Background

The product of this gene belongs to the peptidase C56 family of proteins. It acts as a positive regulator of androgen receptor-dependent transcription. It may also function as a redox-sensitive chaperone, as a sensor for oxidative stress, and it apparently protects neurons against oxidative stress and cell death. Defects in this gene are the cause of autosomal recessive early-onset Parkinson disease 7. Two transcript variants encoding the same protein have been identified for this gene.

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