

Datasheet for ABIN7445660  
**anti-PARK7/DJ1 antibody (AA 2-189)**



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## Overview

|                      |                                                                                                        |
|----------------------|--------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                 |
| Target:              | PARK7/DJ1 (PARK7)                                                                                      |
| Binding Specificity: | AA 2-189                                                                                               |
| Reactivity:          | Mouse                                                                                                  |
| Host:                | Rabbit                                                                                                 |
| Clonality:           | Polyclonal                                                                                             |
| Conjugate:           | This PARK7/DJ1 antibody is un-conjugated                                                               |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP) |

## Product Details

|               |                                                                                                                                                                                  |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:      | Polyclonal Antibody to Parkinson Disease Protein 7 (PARK7)                                                                                                                       |
| Immunogen:    | Recombinant Parkinson Disease Protein 7 (PARK7) corresponding to Ala2~Asp189 with N-terminal His Tag                                                                             |
| Isotype:      | IgG                                                                                                                                                                              |
| Specificity:  | The antibody is a rabbit polyclonal antibody raised against PARK7. It has been selected for its ability to recognize PARK7 in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                           |

## Target Details

|         |                   |
|---------|-------------------|
| Target: | PARK7/DJ1 (PARK7) |
|---------|-------------------|

## Target Details

|                   |                                                                                                                                                                                              |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | PARK7 ( <a href="#">PARK7 Products</a> )                                                                                                                                                     |
| Background:       | DJ1, Autosomal Recessive,Early Onset                                                                                                                                                         |
| UniProt:          | <a href="#">Q99LX0</a>                                                                                                                                                                       |
| Pathways:         | <a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Regulation of Intracellular Steroid Hormone Receptor Signaling</a> , <a href="#">Proton Transport</a> |

## Application Details

|                    |                                                                                                                                                                                                                                                                                                                                     |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Western blotting: 0.5-2 µg/mL,Immunohistochemistry: 5-20 µg/mL,Immunocytochemistry: 5-20 µg/mL,Optimal working dilutions must be determined by end user.                                                                                                                                                                            |
| Comment:           | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                               |

## Handling

|                    |                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                          |
| Concentration:     | 500 µg/mL                                                                                                                                                       |
| Buffer:            | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.                                                                                                |
| Preservative:      | ProClin                                                                                                                                                         |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                               |
| Storage:           | 4 °C,-20 °C                                                                                                                                                     |
| Storage Comment:   | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date:       | 24 months                                                                                                                                                       |