

Datasheet for ABIN184951
anti-PARK7/DJ1 antibody (C-Term)

8 Images

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Overview

Quantity:	100 µg
Target:	PARK7/DJ1 (PARK7)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PARK7/DJ1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	PARK7 / DJ-1
Immunogen:	Peptide with sequence C-AAQVKAPLVLKD, from the C Terminus of the protein sequence according to NP_001116849.1, NP_009193.2.
Sequence:	AAQVKAPLVL KD
Isotype:	IgG
Specificity:	Reported variants (NP_001116849.1, NP_009193.2) represent the same protein.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	PARK7/DJ1 (PARK7)
Alternative Name:	PARK7 (PARK7 Products)
Background:	PARK7, DJ1, DJ-1, Parkinson disease (autosomal recessive, early onset) 7, oncogene DJ1, CTA-215D11.1, FLJ27376, FLJ34360, FLJ92274, OTTHUMP00000001350, OTTHUMP00000001351, Parkinson disease protein 7, protein DJ-1
Gene ID:	11315, 57320, 117287
NCBI Accession:	NP_009193
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling , Proton Transport

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Testis. Recommended concentration: 7 µg/mL. Western Blot: Approx 24 kDa band observed in lysates of cell lines HeLa and Jurkat and of Human Brain (Cerebellum, Hippocampus, Frontal Cortex) and rodent Brain lysates (calculated MW of 19.9 kDa according to NP_001116849.1 and of NP_009193.2). Recommended Peptide ELISA: antibody detection limit dilution 1:128000.
Comment:	Immunofluorescence: Strong expression of the protein seen around the nucleus. Dividing cells appear to show enhanced expression. Recommended concentration: 5µg/ml.
Restrictions:	For Research Use only

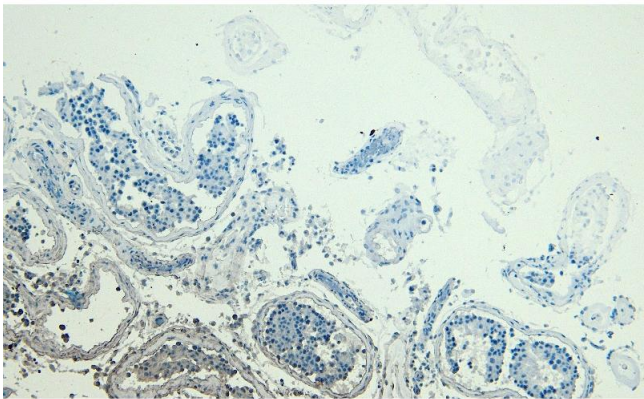
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.

Handling

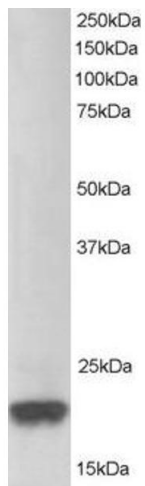
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



Immunohistochemistry

Image 1. (ABIN184951) Negative Control showing staining of paraffin embedded Human Testis, with no primary antibody.



Western Blotting

Image 2. ABIN184951 staining (1µg/ml) of Jurkat lysate (RIPA buffer, 30µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Western Blotting

Image 3. ABIN184951 (0.001µg/ml) staining of HeLa (A) and Jurkat (B) lysates (35µg protein in RIPA buffer). Detected by chemiluminescence.

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN184951.