

[Primary Antibody]

PARK7/DJ1 Recombinant Rabbit mAb



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ANTIBODIES

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— DATASHEET

Host: Rabbit

Isotype: IgG

Clonality: Recombinant

CloneNo.: 19A7

GeneID: 11315

SWISS: 099497

Target: PARK7/DJ1

Immunogen: A synthesized peptide derived from human PARK7: 1-66/189.

Purification: affinity purified by Protein A

Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.

Background: Multifunctional protein with controversial molecular function which plays an important role in cell protection against oxidative stress and cell death acting as oxidative stress sensor and redox-sensitive chaperone and protease. It is involved in neuroprotective mechanisms like the stabilization of NFE2L2 and PINK1 proteins, male fertility as a positive regulator of androgen signaling pathway as well as cell growth and transformation through, for instance, the modulation of NF-kappa-B signaling pathway.

Applications: WB (1:500-2000)

IHC-P (1:100-500)

IHC-F (1:100-500)

IF (1:100-500)

Flow-Cyt (1:50-100)

ICC/IF (1:50-200)

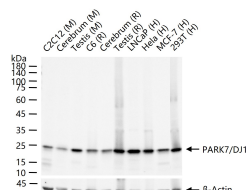
IP (1:20-50)

Reactivity: Human, Mouse, Rat

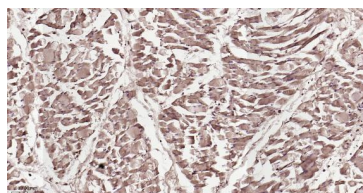
Predicted 20
MW.:

Subcellular Location: Cell membrane ,Nucleus

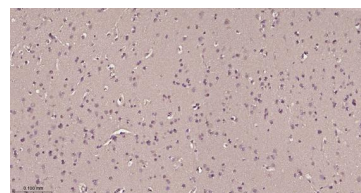
— VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with PARK7/DJ1 monoclonal antibody, unconjugated (bsm-61297R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Skeletal muscle; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with PARK7/DJ1 Monoclonal Antibody, Unconjugated(bsm-61297R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded
Human Glioma; Antigen retrieval by boiling in
sodium citrate buffer (pH6.0) for 15 min;
Antibody incubation with PARK7/DJ1
Monoclonal Antibody,
Unconjugated(bsm-61297R) at 1:200 overnight
at 4°C, followed by conjugation to the bs-0295G-
HRP and DAB (C-0010) staining.