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Product datasheet for TA302679

PARK7 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, PEP-ELISA, WB
Recommended Dilution:	WB: 0.05-0.1 µg/ml.
Reactivity:	Human, Mouse, Rat
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-AAQVKAPLVLKD, from the C Terminus of the protein sequence according to NP_009193.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	19.7 kDa
Gene Name:	Parkinsonism associated deglycase
Database Link:	NP_009193 Entrez Gene 57320 MouseEntrez Gene 117287 RatEntrez Gene 11315 Human Q99497

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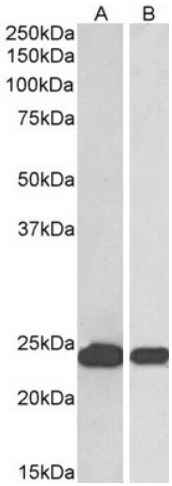
Background: The product of this gene belongs to the peptidase C56 family of proteins. It acts as a positive regulator of androgen receptor-dependent transcription. It may also function as a redox-sensitive chaperone, as a sensor for oxidative stress, and it apparently protects neurons against oxidative 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. [provided by RefSeq]

Synonyms: DJ-1; DJ1; HEL-S-67p

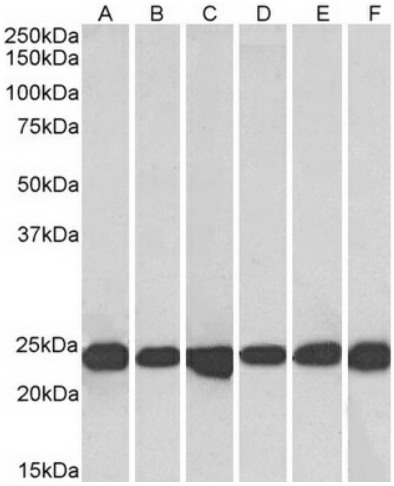
Protein Families: Druggable Genome, Protease

Protein Pathways: Parkinson's disease

Product images:



TA302679 (0.05 ug/ml) staining of HeLa (A) and Jurkat (B) lysates (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



TA302679 (0.05 ug/ml) staining of Human Cerebellum (A), Human Frontal Cortex (B), Human Hippocampus (C) Mouse Fetal Brain (D), Mouse Brain (E) and Rat Brain (F) lysates (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.