

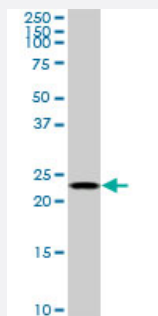
MaxPab®

PARK7 MaxPab mouse polyclonal antibody (B01)

Catalog # H00011315-B01

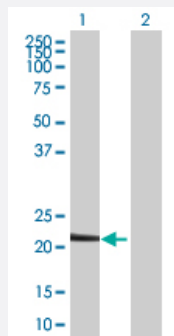
Size 50 uL

Applications



Western Blot (Tissue lysate)

PARK7 MaxPab polyclonal antibody. Western Blot analysis of PARK7 expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of PARK7 expression in transfected 293T cell line ([H00011315-T01](#)) by PARK7 MaxPab polyclonal antibody.

Lane 1: PARK7 transfected lysate(20.79 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PARK7 protein.

Immunogen

PARK7 (NP_009193.2, 1 a.a. ~ 189 a.a) full-length human protein.

Sequence

MASKRALVILAKGAEEMETVIPVDVMRRAGIKVTVAGLAGKDPVQCSRDDVICPDASLEDAAKKEG
PYDVVVLPGGNLGAQNLSESAAVKEILKEQENRKGLIAAICAGPTALLAHEIGFGSKVTTHPLAKDK
MMNGGHYTYSENVEKDGLILSRGPGTSFEFALAIVEALNGKEVAAQVKAPLVVKD

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (91); Rat (91)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Tissue lysate)

PARK7 MaxPab polyclonal antibody. Western Blot analysis of PARK7 expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PARK7 expression in transfected 293T cell line ([H00011315-T01](#)) by PARK7 MaxPab polyclonal antibody.

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — PARK7

Entrez GeneID	11315
GeneBank Accession#	NM_007262.3
Protein Accession#	NP_009193.2
Gene Name	PARK7
Gene Alias	DJ-1, DJ1, FLJ27376, FLJ34360, FLJ92274
Gene Description	Parkinson disease (autosomal recessive, early onset) 7
Omim ID	602533 606324
Gene Ontology	Hyperlink

Gene Summary

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]

Other Designations

OTTHUMP00000001348|OTTHUMP00000001349|OTTHUMP00000001350|OTTHUMP00000001351|Parkinson disease protein 7|oncogene DJ1|protein DJ-1

Publication Reference

- [Evaluation of formalin-fixed paraffin-embedded tissues in the proteomic analysis of parathyroid glands.](#)

Donadio E, Giusti L, Cetani F, Da Valle Y, Ciregia F, Giannaccini G, Pardi E, Saponaro F, Torregrossa L, Basolo F, Marcocci C, Lucacchini A.

Proteome Science 2011 Jun; 9(1):29.

Application: WB-Ti, Human, Parathyroid adenoma

Disease

- [Alzheimer disease](#)
- [Chromosome Disorders](#)
- [Dementia](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Lewy Body Disease](#)
- [Parkinson disease](#)
- [Parkinsonian Disorders](#)