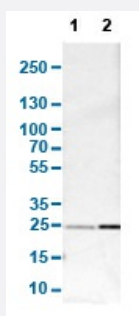


PARK7 polyclonal antibody

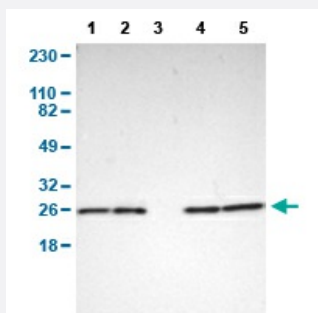
Catalog # PAB31111 Size 100 uL

Applications



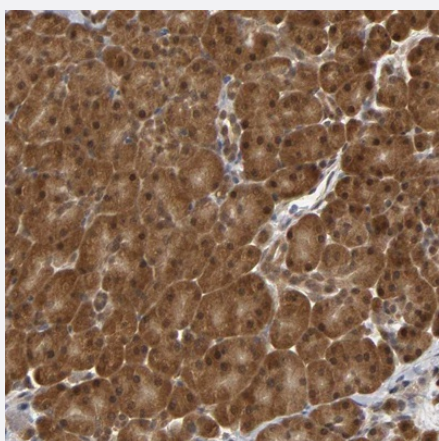
Western Blot (Cell lysate)

Western Blot analysis of (1) NIH-3T3 cell lysate (Mouse embryonic fibroblast cells), and (2) NBT-II cell lysate (Rat Wistar bladder tumour cells).



Western Blot

Western Blot analysis of (1) human cell line RT-4, (2) human cell line U-251MG sp, (3) human plasma (IgG/HSA depleted), (4) human liver tissue, and (5) human tonsil tissue.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pancreas shows cytoplasmic and nuclear positivity in exocrine glandular cells.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human PARK7.
Immunogen	Recombinant protein corresponding to amino acids 40-177 of human PARK7.
Sequence	GKDPVQCSRDDVICPDASLEDAAKKEGPYDVVVLPGGNLGAQNLSESAAVKEILKEQENRKGLIA AICAGPTALLAHEIGFGSKVTTHPLAKDKMMNGGHYTYSENVRVEKDGLILTSRGPGTSFEFALAIVE ALNGKEV
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:500-1:1000) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of (1) NIH-3T3 cell lysate (Mouse embryonic fibroblast cells), and (2) NBT-II cell lysate (Rat Wistar bladder tumour cells).

- Western Blot

Western Blot analysis of (1) human cell line RT-4, (2) human cell line U-251MG sp, (3) human plasma (IgG/HSA depleted), (4) human liver tissue, and (5) human tonsil tissue.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — PARK7

Entrez GeneID	11315
Protein Accession#	Q99497
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

Disease

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