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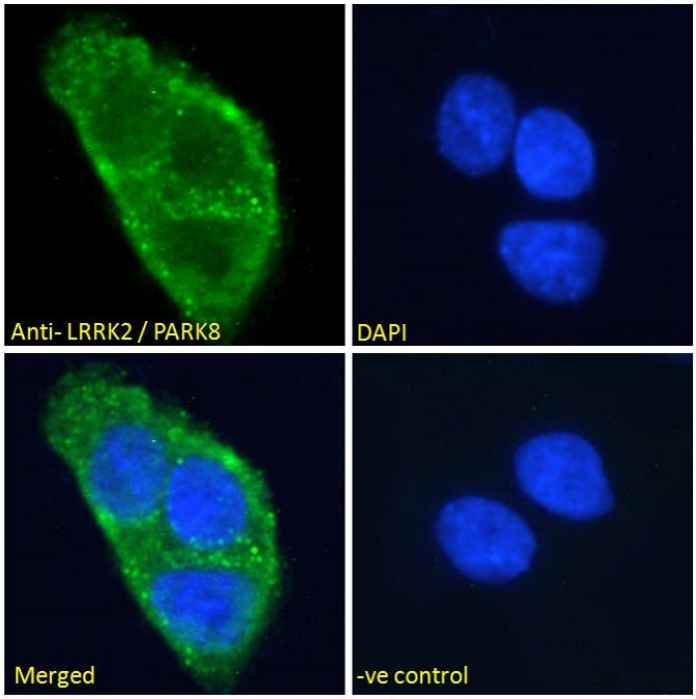
# GOAT ANTI-LRRK2 / PARK8 (NEAR C TERMINUS) ANTIBODY

**SKU:** EB06550




## SPECIFICATIONS

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|---|---|
| **Formulation** | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. |
| **Unit Size** | 100 µg |
| **Storage Instructions** | Aliquot and store at -20°C. Minimize freezing and thawing. |
| **Synonym / Alias Names** | Parkinson disease (autosomal dominant) 8\|dardarin\|leucine-rich repeat kinase 2\|DKFZp434H2111\|FLJ45829\|ROCO2\|PARK8\|LRRK2 |
| **Usage Summary** | Immunofluorescence: Strong expression of the protein seen in the vesicles of A431 cells and in the vesicles and nuclei of A549 cells. Recommended concentration: 10µg/ml. |
| **Accession ID** | NP_940980.3 |
| **Blocking Peptide** | EBP06550 |

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|---|---|
| **Immunogen** | Peptide with sequence CELAEKMRRTSV, from the internal region (near the C Terminus) of the protein sequence according to NP_940980.3. |
| **Peptide Sequence** | CELAEKMRRTSV |
| **Purification Method** | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| **Shipping Instructions** | Refrigerated |
| **Predicted Species** | Human |
| **Reactive Species** | Human |
| **Human Gene ID** | 120892 |
| **Product Grade** | https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png |
| **ELISA Detection Limit** | Antibody detection limit dilution 1:128000. |
| **Western Blot** | Not yet tested - our routine western blotting protocol does not allow for the detection of proteins >250kDa (calculated MWt of approx. 286kDa according to NP_940980.3). However, customer testing has shown bands at >250kDa + 140kDa, which has been observed by other commercial sources of LRRK2 antibodies. |
| **Application Type** | Pep-ELISA, IF |

# SELECTED REFERENCES

[{"pmid": 19640926, "intro": "**This antibody (previous batch) has been successfully used in IEM:**", "title": "LRRK2 regulates autophagic activity and localizes to specific membrane microdomains in a novel human genomic reporter cellular model.", "author": "Alegre-Abarrategui J, Christian H, Lufino MM, Mutihac R, Venda LL, Ansorge O, Wade-Martins R.", "journal": "Hum Mol Genet. 2009 Nov 1;18(21):4022-34."}, {"pmid": 36219522, "intro": "**This antibody has been successfully used in the following paper:**", "title": "LRRK2 expression in normal and pathologic human gut and in rodent enteric neural cell lines.", "author": "Adrien De Guilhem De Lataillade, Martial Caillaud, Thibauld Oullier, Philippe Naveilhan, Carolina Pellegrini, Eduardo Tolosa, Michel Neunlist, Malvyne Rolli-Derkinderen, Ellen Gelpi, Pascal Derkinderen", "journal": "J Neurochem. 2023 Jan;164(2):193-209."}, {"pmid": 17971075, "intro": "**This antibody (previous batch) has been successfully used in WB and IHC on Human:**", "title": "LRRK2 is a component of granular alpha-synuclein pathology in the brainstem of Parkinson's disease.", "author": "Alegre-Abarrategui J, Ansorge O, Esiri M, Wade-Martins R.", "journal": "Neuropathol Appl Neurobiol. 2007 Oct 26."}, {"pmid": 21696411, "intro": "**This antibody (previous batch) has been successfully used in ICC on Human:**", "title": "LRRK2 expression in idiopathic and G2019S positive Parkinson's disease subjects: A morphological and quantitative study.", "author": "Sharma S, Bandopadhyay R, Lashley T,

Renton AE, Kingsbury AE, Kumaran R, Kallis C, Vilariño-Güell C, O'Sullivan SS, Lees AJ, Revesz T, Wood NW, Holton JL.", "journal": "Neuropathol Appl Neurobiol. 2011 Jun 23."}]

## DOCUMENTS

- Data Sheet

## GALLERY IMAGES