

anti-Human, Mouse Parkin Antibody | anti-PRKN antibody

Parkin (Phospho-Ser131) Antibody

CATALOG # AAA267450	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry
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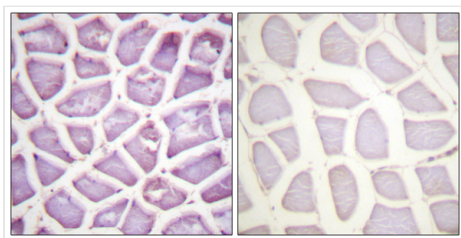
PRODUCT SYNONYMS

Parkin; Parkin (Phospho-Ser131) Antibody; EC 6.3.2.-; PARK2; PRKN2; Parkinson disease protein 2; Parkinson juvenile disease protein 2; ubiquitin E3 ligase PRKN; anti-PRKN antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	Parkin (Phospho-Ser131) antibody detects endogenous levels of Parkin only when phosphorylated at serine 131.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	465
Applicable Applications for anti-PRKN antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Parkin around the phosphorylation site of serine 131 (K-D-SP-P-P).
All Sites	Human: Ser131 Mouse: Ser131
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue using Parkin (Phospho-Ser131) antibody.

ADDITIONAL INFORMATION

References	J. Menéndez, Hum. Mol. Genet., Jul 2006; 15: 2045-2058. Miratul M.K. Muqit, Hum. Mol. Genet., Jan 2004; 13: 117-135. Kenny K. K. Chung, Sci. Aging Knowl. Environ., Apr 2004; 2004: or11. Se Jung Kim, J. Biol. Chem., Oct 2003; 278: 41890-41899.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	169790969
NCBI GeneID	5071
NCBI Accession #	NP_004553.2
NCBI GenBank Nucleotide #	NM_004562.2
UniProt Accession #	O60260; Q5TFV8; Q5VVX4; Q6Q2I6; Q8NI41; Q8NI43; Q8NI44; Q8WW07; A3FG77; A8K975; D3JZW7; D3K2X0
Molecular Weight	46,413 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase parkin isoform 1
NCBI Official Synonym Full Names	parkin RBR E3 ubiquitin protein ligase
NCBI Official Symbol	PRKN
NCBI Official Synonym Symbols	PDJ; AR-JP; LPRS2; PARK2
NCBI Protein Information	E3 ubiquitin-protein ligase parkin
UniProt Protein Name	E3 ubiquitin-protein ligase parkin
UniProt Gene Name	PRKN
UniProt Synonym Gene Names	Parkinson disease protein 2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/prkn-human-mouse-antibody/parkin/267450>