

AMPK alpha 1 (Phospho-S496) Conjugated Antibody

Catalog No: #C13409



Package Size: #C13409-AF350 100ul #C13409-AF405 100ul #C13409-AF488 100ul
 #C13409-AF555 100ul #C13409-AF594 100ul #C13409-AF647 100ul
 #C13409-AF680 100ul #C13409-AF750 100ul #C13409-Biotin 100ul

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Description

Product Name	AMPK alpha 1 (Phospho-S496) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	AR JP antibody E3 ubiquitin ligase antibody E3 ubiquitin protein ligase parkin antibody E3 ubiquitin-protein ligase parkin antibody FRA6E antibody LPRS 2 antibody LPRS2 antibody PARK 2 antibody Park2 antibody Parkin 2 antibody Parkinson disease (autosomal recessive juvenile) 2 antibody Parkinson disease (autosomal recessive, juvenile) 2, parkin antibody Parkinson disease protein 2 antibody Parkinson juvenile disease protein 2 antibody Parkinson protein 2 E3 ubiquitin protein ligase antibody Parkinson protein 2, E3 ubiquitin protein ligase (parkin) antibody PDJ antibody PRKN 2 antibody PRKN antibody PRKN2 antibody PRKN2_HUMAN antibody Ubiquitin E3 ligase PRKN antibody
Accession No.	Swiss-Prot#:O60260
Uniprot	O60260
GeneID	5071;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	52
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Parkin is a zinc-finger protein that is related to ubiquitin at the amino terminus. The wild type Parkin gene, which maps to human chromosome 6q25.2-27, encodes a 465 amino acid full-length protein that is expressed as multiple isoforms. Mutations in the Parkin gene are responsible for autosomal recessive juvenile Parkinson's disease and commonly involve deletions of exons 3-5. In humans, Parkin is expressed in a subset of cells of the basal ganglia, midbrain, cerebellum and cerebral cortex, and is subject to alternative splicing in different tissues. Parkin expression is also high in the brainstem of mice, with the majority of immunopositive cells being neurons. The Parkin gene has been identified in a diverse group of organisms including mammals, birds, frog and fruit flies, suggesting that analogous functional roles of the Parkin protein may have been highly conserved during the course of evolution.

Note: This product is for in vitro research use only