Affinity Biosciences
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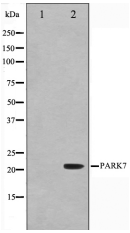
PARK7 Antibody

Cat.#: AF0380	Concn.: 1mg/ml	Mol.Wt.: 20kDa,26kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

Application:	WB: 1:500-1:3000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Reactivity:	Human,Mouse,Rat
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Specificity:	PARK7 Antibody detects endogenous levels of total PARK7.
Immunogen:	A synthesized peptide derived from human PARK7, corresponding to a region within C-terminal amino acids.
Uniprot:	Q99497
Description:	DJ-1 associated with autosomal recessive early onset parkinsonism. Involved in the oxidative stress response. Three cysteines in DJ-1 may be oxidized to cysteine sulphonic acid in the cellular response to H2O2. Loss of DJ-1 function may lead to neurodegeneration.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis on HuvEc cell lysates using PARK7 Antibody,The lane on the left was treated with the antigen-specific peptide.

AF0380 staining HuvEc by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.