**PINK1 Antibody**

- **Cat.#:** DF7742
- **Concn.:** 1mg/ml
- **Source:** Rabbit
- **Mol.Wt.:** 66 kDa
- **Clonality:** Polyclonal
- **Size:** 50ul, 100ul, 200ul

**Application:**
- WB 1:1000-3000, IHC 1:200, 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:**
- PINK1 Antibody detects endogenous levels of total PINK1.

**Immunogen:**
- A synthesized peptide derived from human PINK1, corresponding to a region within C-terminal amino acids.

**Uniprot:**
- Q9BXM7

**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 of extracts from rat brain, using PINK1 Antibody.

Western blot analysis of PINK1 using A549 whole lysates.
DF7742 at 1/100 staining Mouse muscle tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

DF7742 at 1/100 staining Rat skin tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

DF7742 at 1/50 staining human brain tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary antibody.

DF7742 staining Hela by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AF8106 1:100) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were 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.