

Phospho-alpha Synuclein (Ser129) Polyclonal Antibody

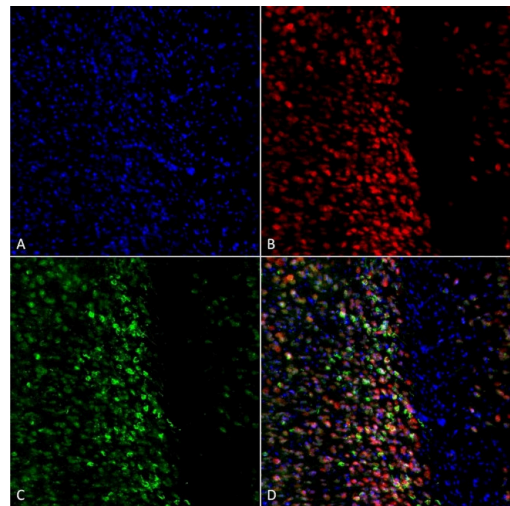
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide of Human Alpha Synuclein pSer129 (40-140 aa), conjugated to Keyhole Limpet Haemocyanin (KLH)
Form	Liquid
Concentration	0.5 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.09% sodium azide
Storage conditions	-20°C
RRID	AB_2736285

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50	-
Immunohistochemistry (PFA fixed) (IHC (PFA))	1:500	-
Immunocytochemistry (ICC/IF)	Assay-dependent	-
ELISA (ELISA)	Assay-Dependent	-

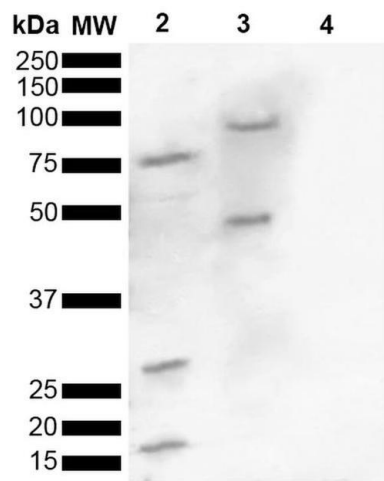
Product Specific Information

A 1:1,000 dilution of PA5-77815 was sufficient for detection of Alpha Synuclein pSer129 in 15 µg of human brain cell lysates by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody. Binds to phosphorylated serine 129 on alpha synuclein. Does not detect unphosphorylated serine 129 alpha synuclein. Detects bands at 100, 75, 45, 15 kDa. Bands above 15 kDa are oligomers.

Product Images For Phospho-alpha Synuclein (Ser129) Polyclonal Antibody



Phospho-alpha Synuclein (Ser129) Antibody (PA5-77815) in ICC/IF
Immunofluorescent analysis of P-alpha Synuclein (Ser129) in rat primary hippocampal neurons using 4 µg/mL of lysate. Sample was fixed with 4% formaldehyde (15 min at RT), incubated with P-alpha Synuclein (Ser129) polyclonal antibody (Product # PA5-77815) using a dilution of 1:500 (1 hour at RT), and followed by Goat Anti-Rabbit Alexa Fluor 488, Donkey Anti-Guinea Pig Alexa Fluor 647 and DAPI secondary antibody at a dilution of 1:700, 1:700 and 1:6000 (1 hour at RT). Magnification: 20x.



Phospho-alpha Synuclein (Ser129) Antibody (PA5-77815) in WB
Western blot analysis of P-alpha Synuclein (Ser129) in human and mouse brain lysate with 15 µg of sample. The sample was blocked with 5% skim milk in TBST, incubated with P-alpha Synuclein (Ser129) polyclonal antibody (Product # PA5-77815) using a dilution of 1:1000 (2 hours at 4°C), followed by Goat Anti-Rabbit (1 hour at RT) at a dilution of 1:3000 and ECL development (5 min at RT). Samples were arranged as follows: Lane 1) Molecular Weight Ladder (MW), Lane 2) Human brain lysate, Lane 3) Mouse brain lysate, Lane 4) Alpha Synuclein Monomer (0,5 µg).

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