

Synuclein α (Phospho-S129) polyclonal antibody

Catalog: BS94008

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The synuclein family members, including α -synuclein (also designated NACP for non- β -Amyloid component) and β -synuclein, are predominantly expressed in the brain and are speculated to be involved in synaptic regulation and neuronal plasticity. α -synuclein is localized to neuronal cell bodies and synapses. α -synuclein was first identified as a component of Alzheimer's disease amyloid plaques. Abnormal platelet function in Alzheimer's disease has been demonstrated. During megakaryocytic differentiation α -synuclein has been found to be upregulated, while β -synuclein is downregulated, indicating that coordinate expression of synucleins may be important during hematopoietic cell differentiation. A mutant form of α -synuclein has been found in patients with early onset Parkinson's disease.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

14 kDa

Swiss-Prot:

P37840(Human) O55042(Mouse) P37377(Rat)

Purification&Purity:

ProA affinity purified

Applications:

ICC:1:50-1:200

IHC:1:50-1:200

WB:1:500

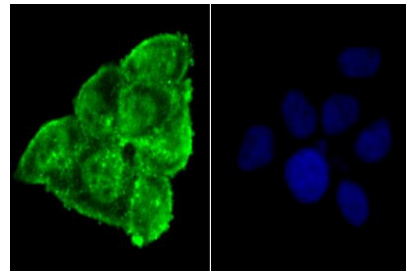
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

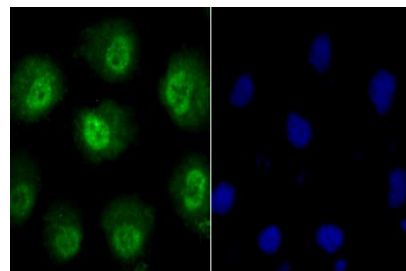
Specificity:

Synuclein α (Phospho-S129) polyclonal antibody detects endogenous levels of Synuclein α protein only when phosphorylated at S129.

DATA:



ICC staining Phospho-alpha Synuclein (S129) in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Phospho-alpha Synuclein (S129) in HUVEC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

For research use only, not for use in diagnostic procedure.

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