

Ataxin 1 (Phospho-S775) polyclonal antibody

Catalog: BS64515

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Ataxin-1, also designated spinocerebellar ataxia type 1 protein (Sca-1), is differentially expressed and localizes to both the cytoplasm and the nucleus. Mutations in Ataxin-1 are associated with the onset of the autosomal dominant neurodegenerative disorder spinocerebellar ataxia type 1 (SCA-1), which is characterized by progressive neuronal loss in the cerebellum, muscle wasting and ataxia. In Purkinje cells, where SCA-1 is predominantly observed, Ataxin-1 has been shown to directly associate with the Purkinje-enriched leucine-rich acidic nuclear protein (LANP) and the nuclear matrix-associated protein promyelocytic leukemia protein PML. In SCA-1, Ataxin-1 is mutated to encode a polyglutamine protein that forms nuclear aggregates, which interact significantly more strongly with LANP and contribute to the pathogenesis of SCA-1.

Product:

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

Molecular Weight:

~ 105 kDa

Swiss-Prot:

P54253

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1:500~1:1000 IHC:1:50~1:200 IF:1:50~1:200

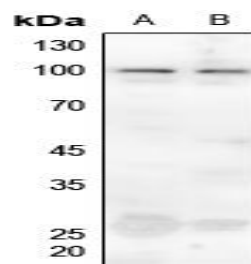
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Ataxin 1 (Phospho-S775) polyclonal antibody detects endogenous levels of Ataxin 1 protein only when phosphorylated at Ser775.

DATA:



Western blot (WB) analysis of Ataxin 1 (Phospho-S775) polyclonal antibody at 1:500 dilution

LaneA:HGC27 whole cell lysate

LaneB:The Lung tissue lysate of Mouse

Note:

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

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